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METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

ANNUAL SUMMARY FOR 1929

PART F

ERRATA TO MONTHLY WEATHER REPORTS

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C. W. B. NORMAND, M.A., D.Sc.,

Director General of Observatories

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ANNUAL SUMMARY, 1929.

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PART C

STORMS AND DEPRESSIONS.

DEPRESSIONS AND CYCLONIC STORMS.

During the year, five storms and nine depressions formed in the Bay of Bengal, three depressions over Bengal and one storm and one depression in the Arabian Sea. The dates on which the storms occurred and the greatest barometric depths observed are summarised in the table below. The detailed descriptions of these storms and depressions are, as usual, followed by a list of western disturbances of the year, of the more important local storms and of the localities in which winds of force 9 or more were experienced by ships in the Indian seas.

TABLE.

Serial No.	Locality.	Month.	Date.	Greatest observed barometric depth.
1	Bay of Bengal .	January .	2—7	..
3	Ditto .	June .	2—4	0·6"
7	Ditto .	July .	14—21	0·32"
12	Ditto .	August .	21—28	..
15	Arabian Sea .	September	27—1 Oct.	..
20	Bay of Bengal .	November	23—1 Dec.	..

1. *Storm of 2nd to 7th January 1929.*—Conditions were slightly unsettled in the south-east of the Bay on the 1st and caused moderately heavy rain in the Andamans, Port Blair recording $1\frac{1}{2}$ " at 8 hours of the 2nd. Rainfall continued in the Bay Islands on the 2nd and by the morning of the 3rd the unsettled conditions had developed into a depression to the south-west of Port Blair.

The depression moved westwards during the day and was centred near Lat. $10\frac{1}{2}^{\circ}$, Long. 90° on the morning of the 4th. *S. S. Nankwa Maru* steaming north (*en route* to Calcutta), to the east of the depression experienced strong south-easterly winds on the 4th and 5th. *S. S. Gairsoppa* (Bombay to Rangoon), noon position 4th, $10^{\circ} 47'$, $82^{\circ} 51'$, moderate to fresh NNW winds, moderate sea and heavy swell up to noon; thereafter the wind and sea increased, a N/W gale with rough sea and heavy swell being reported at midnight. From midnight to early morning winds of force 8 to 9 from directions slowly backing from NNW to NW/W, rough sea and heavy swell were experienced.

By the morning of the 5th the depression had advanced westwards and had intensified into a storm with centre near $10\frac{1}{2}^{\circ}$, 87° . *S. S. Gairsoppa* at a distance of about 200 miles to the WSW of the centre reported a NNW gale with rough sea and heavy swell. She continued to have winds of force 7 to 8 throughout the day, backing to W/N at noon, position $9^{\circ} 33'$, $84^{\circ} 36'$, and through S at 20 hours to SE/S at 4 hours 6th; occasional rainsqualls were met with in the afternoon and again after midnight. *S. S. Waroonga* to the SSW of the centre was at the same distance as *Gairsoppa*, but had only a moderate breeze although she met with rough seas and heavy swell. *S. S. Magdapur*, bound from Calcutta to Colombo, noon position $12^{\circ} 48'$, $84^{\circ} 36'$, reported north-easterly gales with rough sea, swell throughout the afternoon.

At 8 hours of the 6th the storm was centred near $11\frac{1}{2}^{\circ}$, $84\frac{1}{2}^{\circ}$ S. *S. S. Gairsoppa* near 11° , $87\frac{1}{2}^{\circ}$ reported a strong SE wind. *S. S. Umzumbi* near $11\frac{1}{2}^{\circ}$, 83° , reported a strong NW wind with high confused sea and swell. *S. S. Behar* bound from Madras to Calcutta, noon position $15^{\circ} 31'$, $82^{\circ} 35'$ had NNE or NE/N gales with high sea and swell throughout the day. *S. S. Orna* near Madras at 8 hours, advised not to enter the harbour, steamed down the coast and reported strong winds from NNW or NW/N with rough sea and heavy swell. *S. S. Rajula* which put out of Madras in the evening to avoid being caught in the confined waters of the harbour and steamed to the NNE experienced wind of force 9 and recorded a pressure of 29.75" in the early hours of the next morning. Her log is given below from 20 hours of the 6th to 16 hours of the 7th.

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September 14, 1999

Date.	Hour.	Lat.	Long.	Corrected Bar.	WIND.		Cloud.	REMARKS.
					Direction.	Force.		
6th Jan. 1929	10	13° 10'	80° 34'	29.93"	NNW	5-6	Overcast	Frequent light rain, rough sea, heavy swell, frequent rain squalls N 53° E. Frequent hard squalls.
	24	13° 15'	80° 34'	29.90"	Do.	5-6	Do.	
	1-40	..	..	..	..	..	..	Wind to NNE.
	2-20	..	..	..	..	..	..	Wind to ENE.
7th Jan. 1929	4	13° 20'	80° 42'	29.75"	ENE	9	..	Wind increasing to gale force, rough sea, heavy swell.
	6	..	..	..	..	..	..	Weather moderating squalls less frequent.
	8	13° 30'	80° 52'	29.86"	E/N	9	Overcast	High wind, hard squalls. High sea, heavy swell.
	9	..	..	..	..	..	..	Sky clearing to southward, wind moderating.
	10	..	..	..	..	..	..	O/C East (7).
	12	13° 35°	81° 16'	29.94"	SE	5-6	Overcast	Fresh wind, rough sea, heavy swell.
	16	13° 42°	80° 51"	29.89"	ESE	5-6	Do.	Fresh wind, high sea, heavy Easterly swell. Overcast with bright intervals (var. 6/6 obs. Madras L. S. 66 $\frac{1}{2}$ W. T.).

The storm lay off the south Coromandel coast on the morning of the 7th, the centre being about 100 miles south-east of Madras, where the sea was reported to be tremendous. The Port Officer, Madras, thus describes the weather on the 7th :—

" Weather squally, overcast with occasional rain and squalls wind force 7 to 8 in the squalls, sea tremendous, surf very heavy, barometer falling rapidly, wind veered to NE about 10-50 A.M. and to E at 2-20 P.M., greatest force of wind was 37 miles per hour at 11-34 A.M. Lowest reading of barometer recorded 29.84, temperature 79°. This was at 1 P.M. squalls gradually getting less heavy. The glass began to rise from 4-30 P.M."

No steamer was within 100 miles of the centre. *S. S. Erinpura* at about 100 miles to the north and *S. S. Weissenfels* the same distance to the south reported strong winds and rough seas.

The storm crossed the coast to the south of and close to Madras at about 14 hours that day and rapidly disappeared after causing widespread rain in the neighbouring districts with local heavy falls in the Nellore district.

2. Depression of 12th to 14th May 1929.—In connection with a temporary advance of the monsoon in the south of the Bay weather became unsettled to the north-east of Ceylon

on the 10th May. On this day the upper winds at Madras from 2 to 6 Kms. were 8 to 12 metres per second from north-easterly directions, while at Port Blair they were from south-east, 5 to 7 metres per second upto 2 Kms. beyond which height there were no observations. Rainsqualls were reported from the south and centre of the Bay. At 8 hours on the 11th Victoria Point reported a fall of 4".

The unsettled conditions moved northwards in the next two days and developed into a depression in the centre of the Bay in the neighbourhood of Lat. 14° N, Long. 87° E on the morning of the 12th. Upper winds at this time above Port Blair at 0.5 and 1 Km. were blowing from south-south-west at 19 and 16 metres per second respectively.

Next morning the depression was near Lat. 16° N, Long. 88° E. The strong monsoon that was blowing to the east of it is indicated by a further strengthening of the south-south-westerly upper winds at Port Blair, the velocities at 1 and 2 Kms. being 23 and 22 metres per second. At Rangoon upper winds up to 2 Kms. were 11 to 12 metres per second from south. Strong winds were reported by steamers to the north of the depression as well as to the east of the Andamans; in the latter region the wind experienced by *S. S. Silverlarch* near 13 $\frac{1}{2}$ ° N, 93 $\frac{1}{2}$ ° E, rose to a gale from SW/S at 8 hours. Rainfall had been widespread in Burma, Akyab recording 6" and Mandalay 5".

In the next twenty-four hours the depression advanced rapidly north-eastwards and lay on the morning of the 14th near 19° N, 92° E. Heavy rain had again fallen on the north Arakan Coast, Akyab recording 5" and Kyaukpyu 3". Upper winds at Rangoon upto 2 Kms. were from south or south-south-west 13 to 17 metres per second. The depression crossed the coast near Akyab in the afternoon and rapidly disappeared. The depression was a deep one, the lowest pressure recorded at Akyab being nearly a third of an inch below normal; but the winds associated with it did not exceed force seven.

3. Storm of 2nd to 4th June 1929.—A region of disturbed weather appeared in the south of the Bay on the 29th May in front of an advance of the monsoon. It moved northwards in front of the monsoon and by the end of the month, had reached the centre of the Bay. Strong winds with moderate to rough seas were reported by steamers to the south and west of it. On the 31st of May, *S. S. Baron Kelvin* bound south, noon position, Lat. $14\frac{1}{2}^{\circ}$ N, Long. $85\frac{1}{4}^{\circ}$ E, had a westerly gale with high confused sea and swell, at 8 hours and frequent heavy rainsqualls in the next watch. Monsoon rainfall had by this time extended upto central Burma.

The unsettled conditions moved further northwards during the day, and on the morning of the 1st June a wide shallow depression was indicated in the north of the Bay. The upper winds at Port Blair at 0.5 and 1 Km. were blowing from SW at 17 to 18 m. p. s. Strong to high winds with moderate to rough seas and squally or rainy weather were reported by steamers from the north and centre of the Bay: *S. S. Baron Kelvin*, noon position Lat. $12\frac{3}{4}^{\circ}$ N, Long. $84\frac{1}{2}^{\circ}$ E, experienced winds reaching gale force between 8 hours and noon.

In the next 24 hours a well marked depression formed in this region with centre near Lat. $17\frac{1}{2}^{\circ}$ N, Long. $91\frac{1}{2}^{\circ}$ E. Several steamers to the south-east of the depression reported from positions off the south Arakan Coast moderate to strong winds with moderate to rough seas and squally or rainy weather. Similar weather was also reported from the south and centre of the Bay. From the observations of *S. S. Aungban*, bound south to Rangoon, it appears that winds were light in the central region of the depression; but to the south of it a strong monsoon was blowing. *S. S. Takliwa* (Rangoon to Cacanada) noon position, Lat. $16\frac{1}{4}^{\circ}$ N, Long. $92\frac{1}{2}^{\circ}$ E, logged the following weather:—

2nd—			
8 hours . . .	Moderate gale and squalls of gale force; rough sea, heavy swell; overcast, dull, heavy rain.		
12 hours . . .	Whole gale, high sea, heavy swell, continuous rain.		

16 hours . . .	High rough sea, very heavy swell, overcast, continuous rain.
20 hours . . .	Moderate gale, violent squalls, continuous heavy rain, high confused sea.
24 hours . . .	Whole gale, high sea, heavy swell, very heavy continuous rain.
3rd—	
4 hours . . .	Moderate gale, high rough sea, and swell, fine and cloudy.
8 hours . . .	Strong wind, high sea, continuous heavy rain.

S. S. Egrya (Rangoon to Madras), noon position 2nd, Lat. $14\frac{1}{4}^{\circ}$ N, Long. $87\frac{3}{4}^{\circ}$ E, experienced high winds occasionally rising to gale force with high seas, heavy WSW swell and frequent heavy rainsqualls in the morning hours.

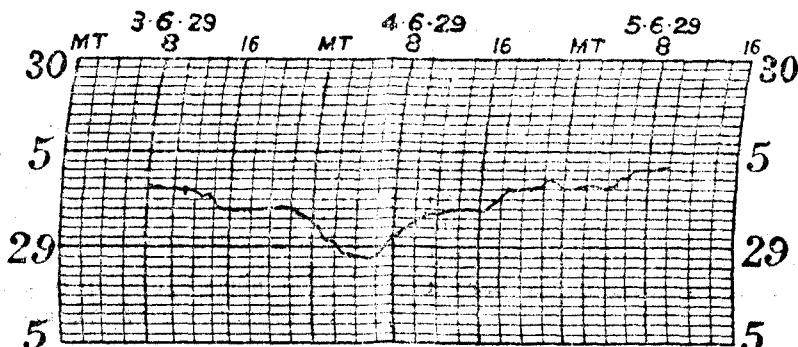
The depression moved in a north-north-easterly direction during the day and intensified. At 8 hrs. of the 3rd it was a storm with centre near Lat. $19\frac{1}{2}^{\circ}$ N, Long. $91\frac{1}{2}^{\circ}$ E.

At Akyab the wind was blowing from SE at 5.5 miles an hour at the surface and backed to E/S, 17 m. p. s., at 0.5 Km. Pressure at the station was 0.35" below normal. At Port Blair the velocity of the south-westerly upper winds at 0.5 Km. and 1 Km., was 25 and 27 m. p. s. respectively. *S. S. Takliwa* was still experiencing high winds. *S. S. Arankola* (Calcutta to Rangoon) noon position, Lat. $17^{\circ}37'$ N, Long. $91^{\circ}59'$ E, logged a northerly gale at 8 hrs. with moderate to rough seas, heavy swell and occasional squalls of storm force. *S. S. Chakdara* bound from Chittagong to Akyab experienced very rough weather on the night of the 3rd—4th: abstracts from the log are given below from 20 hrs. 3rd to noon 4th:—

3rd—			
20 hrs. . . .	Strong wind, NW/N high sea, heavy swell, overcast, occasionally drizzling.		
24 hrs. . . .	Full gale, SW/S, squalls of hurricane force, very high sea, heavy swell, terrific rain.		
4th—			
4 hrs. . . .	Full gale, SW, high confused sea, heavy swell, overcast, dull heavy rain.		
8 hrs. . . .	Strong SW gale, high sea, heavy swell, overcast, occasionally drizzling.		
12 hrs. . . .	Strong SW wind, high sea, heavy swell, rain.		

The storm continued to move in a north-north-easterly direction and the centre passed close to Cox's Bazar and Chittagong in the early hours of the 4th; Cox's Bazar recorded the lowest pressure 29.05" at 3 hrs. while Chittagong recorded the lowest pressure, 29.04", 0.6" below normal 4 hours later, at 7 hrs.

The barograph at Chittagong shows that the barometer was steady there from about half past two to nearly 7 hrs. A copy of the barograph trace is given below.



Both Chittagong and Cox's Bazar reported rough seas, but the winds were only moderate. Hence the storm appears to have been of the monsoon type with light to moderate winds near the centre.

After passing inland the storm rapidly broke up. The associated rainfall was heavy on the Arakan coast, in south-east Bengal and Assam.

4. Depression of 18th to 24th June 1929.—Conditions became unsettled in the north of the Bay on the 17th, and a shallow depression appeared off the Circars on the 18th. The depression became more marked in the next 24 hours and was centred near Lat. $18\frac{1}{2}$ ° N, Long. 86° E at 8 hrs. of the 19th. It crossed the coast during the day and lay over Ganjam on the morning of the 20th. The rainfall was locally heavy on the North Madras Coast, Vizagapatam recording 7" at 8 hrs. of 20th. The district averages of rainfall on the 19th were 1·7" in Ganjam (plains), 2·0" in Ganjam Agency, 2·8" in Vizagapatam (littoral) and 2·5" in Vizagapatam Agency.

From Ganjam the depression moved in a north-westerly direction, through the Central Provinces, causing widespread and moderately heavy rain there and in the north of the Peninsula, and was centred between Nowgong and Saugor on the morning of the 22nd. Thereafter it curved to the north-east and reached the east United Provinces next day. It persisted there for a day and disappeared on the 24th after causing locally heavy rain in the surrounding districts. Bahraich had 20" in the 48 hours ending 8 A.M. of the 24th, Mainpuri recorded 4" and Cawnpore 5" on the 23rd.

5. Depression of 5th to 6th July 1929.—A shallow depression appeared over south-west Bengal and the adjacent districts of Chota Nagpur and Bihar on the 5th. It caused locally heavy rain in south-east Bengal, but had become by the morning of the 6th, a part of the monsoon trough of low pressure which extended on that day from South Bengal to the East Punjab. The residual disturbed conditions gave locally heavy rain during the day in north Bengal, Jalpaiguri recording 7", and Falakata and Siliguri each 6" in the 24 hours ending 8 A.M. of the 7th.

6. Depression of 11th to 14th July 1929.—A depression appeared at the head of the Bay on the 11th and moving westwards lay over the Central Provinces next morning. It caused widespread and locally heavy rain in the Central Provinces and the north of the Peninsula, Seoni recording 11", and Khandwa, Raipur and Jagdalpur each 4" at 8 hours of the 12th. It continued on its westerly course and intensified, and on the morning of the 13th lay over north Gujarat as a deep depression with a pressure departure of $\pm 0\cdot3$ " at its centre. Thence it curved northwards to Rajputana and became unimportant by the morning of the 15th. Under its influence rainfall extended in Sind, north Baluchistan and the North-West Frontier Province, and was very heavy in Gujarat and parts of lower Sind. Surat had 16" and Rajkot 12" in the 48 hours ending at 8 hours on the 14th. Heavy rain in Sind caused severe floods and according to newspaper reports some lives were lost and great damage was done to crops and cattle. The depression caused gales and squally weather in Sind, Kathiawar and Gujarat, which are reported to have blown off the lines a railway train in the Baroda State.

7. Storm of 14th to 21st July 1929.—A shallow depression appeared at the head of the Bay on the 14th. Upper winds at Calcutta upto 1 Km. were from WNW at 10 to 13 m. p. s.; at Ranchi the wind at 0·5 Km. was 11 m. p. s. from WNW, while at 2 Km. it was 9 m. p. s. from NW : above these heights the balloons were lost. These indicate that north-westerly winds were blowing down from the Chota Nagpur plateau to the west of the depression. To the east of the depression there were no balloon ascents in the morning, but afternoon ascents showed a light south-easterly wind upto 2 Km. and moderate easterly winds at 3 and 4 Kms. at Dacca, while at Chittagong the balloon was followed only upto 0·5 Km. where the wind was from SSW, 7 m. p. s.

The depression intensified during the day, and on the morning of the 15th it was apparently a storm with centre about 100 miles south-east of Saugor Island.

S. S. Maharaja bound to the Andamans, noon position 19° 0' N, 89° 43' E, course S 28° E, reported strong to high WSW winds throughout the day with rough sea, heavy swell and occasional rain squalls : *S.S. Gurna* steaming north to Calcutta, noon position 19° 55' N, 88° 31' E, had west-south-westerly or westerly gale from 8 hours to 16 hours and a high wind thereafter with rough sea and heavy swell, while *S. S. Elephanta* also bound for Calcutta but further north at noon, 20° 23' N, 88° 52 $\frac{1}{2}$ ' E, experienced strong westerly winds rising to a gale at 14 hours rough sea and heavy swell. *S. S. Artemisia*, bound north to Calcutta noon position 20° 32' N, 88° 21' E, experienced high winds from between SW and WNW throughout the day with high sea and swell and heavy rain or rain squalls. *S. S. Baron Loudon*, Calcutta to Rangoon, noon position 20° 1' N, 88° 51' E, reported strong to high WNW wind with squalls reaching gale force in the afternoon with rough sea and heavy swell ; at 20 hours the wind rose to gale force but moderated again at midnight.

Upper winds at Calcutta had veered to NE and were 7 to 8 m. p. s. up to 1 Km. At Ranchi they had become NNW and were 12 to 15 m. p. s. upto 2 Km. Over Chittagong they had backed to south-easterly directions and were 7 to 9 m. p. s. upto 3 Km., while at Dacca the wind at 0·5 Km. was from E/S 7 m. p. s. and the balloon was lost above that height. At Vizagapatam the upper winds at 1 and 2 Km. showed a slight veering and strengthening.

The storm intensified but moved only slightly in the next 24 hours, the centre being about 60 miles east of the Sandheads on the morning of the 16th. *S. S. Gurna* was then within the central area of light winds and till it reached the Sandheads in the evening had only a gentle breeze, but heavy sea and swell. *S. S. Artemisia* was off the Sandheads at noon but had to cruise about the neighbourhood till the morning of the 18th as the pilot was unable to board her. She had generally fresh to strong SW wind, rough sea and squally weather during the day. Several steamers between Long. 90° E and the south Arakan Coast reported strong to high south-westerly winds, rough seas and rain squalls while a few reported occasional gales.

The upper winds up to 3 Km. at Chittagong were from 9 to 13 m. p. s. from SE and the winds at Dacca were also

from SE; 8 m. p. s. upto 1 Km. the highest point reached by the balloon. There was no ascent at Calcutta, but at Ranchi the balloon was followed up to 6 Km. and the winds from 2 Km. upwards were from directions veering from NNE to ENE, 6 to 8 m. p. s.

At 8 hours of the 17th the storm centre was crossing the coast not far from Saugor Island; where the departure of pressure was - 0.32". Heavy rain had fallen in Orissa with widespread rain over the rest of north-east India.

S. S. Aracan bound north to Calcutta, noon position $19^{\circ} 47' N$, $88^{\circ} 30' E$ reported a south-westerly gale from 20 hours 16th to 8 hours 17th and strong winds thereafter with rough to high sea and heavy swell. Steamers further south reported strong to high winds rough sea and occasional squalls.

The balloon was followed only upto 0.5 Km. at Chittagong and Dacca and the winds were ESE 13 m. p. s. at the latter station and SE, 19 m. p. s. at the former.

The following summarises the weather experienced by the light vessels in the approaches to the Hooghly.

L. V. Star at the Lower Gaspar station had light westerly winds upto noon on 17th when the wind backed to SW and gradually strengthened and was of force 6 to 7 from 20 hours to midnight that day with squalls, rough sea and south-westerly swell. *L. V. Luna* at the Intermediate station had also similar weather that day. Further south at the Pilot's ridge station *L. V. Fame* reported WSW gales of force 8 to 9 with rough confused sea high swell and squally weather from 2 hours to nearly noon after which the wind backed to SW and the weather began to moderate.

After crossing the coast the storm weakened into a depression which advanced through Chota Nagpur to the United Provinces in the next three days and disappeared in the western districts of that province on the 21st. The rainfall associated with it was widespread in the central parts of the country and the United Provinces, and locally heavy in the neighbourhood of its track.

8. Depression of 22nd to 28th July 1929.—Conditions became unsettled over the Sunderbans and the head of the Bay on the 22nd, and a depression appeared over south Bengal on the morning of the 23rd. It moved westwards causing locally heavy rain to the south of its track and lay over south Chota Nagpur on the 24th. Thence it took a west-north-westerly course over Central India and was entering Rajputana on the morning of the 26th. While passing over Rajputana the depression curved slowly to west-south-west, lay over Sind on the morning of the 28th, and disappeared during the day. The rainfall associated with it was widespread and locally heavy in the districts adjoining its track, very heavy falls occurring on the Aravali hills and in lower Sind. There were severe floods in Sind, the resulting damage to crops being estimated at about a crore of rupees.

9. Depression of 27th July to 1st August 1929.—The last depression of the month appeared over south Bengal on the 27th and became somewhat more marked the next day. It moved slowly in a westerly direction and reached Chota

Nagpur on the 30th. In the next two days it moved in a north-westerly direction and filled up on the 1st August over the south-east of the United Provinces. The rainfall associated with it was locally heavy along and near its track.

10. Depression of 7th to 13th August 1929.—A depression formed at the head of the Bay on the 7th. It lay over the Sunderbans and the adjacent sea area on the morning of the 8th and caused rough weather in the approaches of the Hooghly and locally heavy rain in Chota Nagpur and the adjoining districts of south-west Bengal, the district averages being Howrah 7.3", Midnapore 3.5", Bankura 3.2", 24-Parganas 2.5", Manbhum 2.6", Hazaribagh 2.3" and Singhbhum and Sambalpur each 1.7". Falls of 10" and over were recorded at Saranga (Bankura) 13", Panskura (Midnapore) 10", Mahesrakha and Uluberia (Howrah) 10". The depression moved slowly in a north-westerly direction and on the 9th caused further locally heavy rain in the north of Chota Nagpur, Hazaribagh district having an average of 2.3" and Gaya 2.6". It lay over Chota Nagpur on the 11th and in the next two days weakened without appreciable change of position and merged in the seasonal trough.

11. Depression of 13th to 16th August 1929.—The second depression of the month appeared in the north-west angle of the Bay on the morning of the 13th. On the next day it lay over south-west Bengal. Thence it moved to Chota Nagpur and became unimportant on the 16th. The rainfall associated with it was locally heavy. Amounts of 5" and over were recorded on the 13th at the following stations—Palkot 6", Panki 5", Latehar 5", Patan 8", Manatu 9" and Chandwa 7".

12. Storm of 21st to 28th August 1929.—Unsettled conditions appeared off the Ganjam-Orissa Coast on the 18th, persisted there for the next two days, and developed into a depression over that area on the 21st. The westward passage of negative barometric departures from Burma into the Bay on the 22nd probably helped the intensification of the depression into a storm by the morning of the 23rd with centre near Lat. $20^{\circ} N$, Long. $88^{\circ} E$.

The upper winds in the morning to the east and north of the storm are given by the following observations:—

Height in Kms.	CHITTAGONG.		DACCA.		CALCUTTA.	
	Direction.	Velocity in m. p. s.	Direction.	Velocity in m. p. s.	Direction.	Velocity in m. p. s.
0.5	SE	15	ESE	13	E	19
1.0	SSE	20	SE	23	ESE	15
2.0	SE	19	ESE	20	..	..
3.0	SE	12	..	..	..	..

During the course of the day it caused very rough weather near the mouth of the Hooghly. The *Hesperus*, a light vessel, at Matlah station, experienced winds of gale force with heavy seas and swell and frequent heavy rain squalls from 13 to 19 hours. The storm crossed the Orissa coast in the afternoon, the centre passing close to Chandbali. Weakening into a depression thereafter it travelled in a west-north-westerly direction across the north of the Central Provinces.

and reached east Rajputana on the 26th. The depression curved to the north while passing over west Rajputana next day, lay over the south-west Punjab on the 28th and broke up in the north Punjab hills during the day.

Rainfall was widespread over a great breadth of country and locally heavy along and near the depression's track. In addition to heavy amounts already given in the *Monthly Weather Report* the following stations in Orissa recorded 7" to 8" of rain on the 24th—Binkar, Banki, Jarpara, Ram-pur, Athmallick, Athgarh, Burgarh, Topchanchi.

13. *Depression of 27th August to 1st September 1929.*—The last depression of the month formed in the north of the Bay on the 27th and was centred near 19° N, 89° E on the morning of the 28th. It moved slowly westwards and lay off Gopalpur on the morning of the 30th. Crossing the coast during the day it took a north-westerly course and disappeared over the east Central Provinces on the 1st September. It caused locally heavy rain near its track. Nilgiri, Athgarh and Banki in Orissa each recorded 6" of rain in 24 hours ending with 8 A.M. of the 28th; Jeypore and Malkan-giri in Vizagapatam Agency each 4" and Fachmarhi 6" on the 29th. Raipur had 5" on the 30th.

14. *Depression of 19th to 20th September 1929.*—Upper winds at 1 and 2 Km. which were westerly to north-westerly at Madras and north-westerly to northerly at Vizagapatam on the 11th began veering on the 12th, showing the existence of unsettled conditions in the Bay of Bengal. Widespread thunderstorm rain occurred in the interior of the Peninsula on the 13th, and, by the 14th morning, a shallow low pressure area had appeared over the central Bay of Bengal. This was better defined in the upper air as shown by the NE wind up to 1 Km. at Vizagapatam, easterly wind up to 2 Km. at Hyderabad and SW to W wind between 1 and 2 Km. at Madras. The low pressure area did not move appreciably till the 15th afternoon, but passed inland by the next morning, when it lay over the north Madras coast. Moving slowly westwards during the next three days it caused a spell of wet weather in the Peninsula between the 14th and 19th, rainfall being locally heavy in the beginning of the period. It passed out into the Arabian Sea to the south of Bombay at about 3 P.M. on the 19th and lay as a depression with centre near Lat. 17° N, Long. 71° E at 8 hours on the 20th morning. *S. S. Viceroy of India*, *S. S. Gambuda* and *S. S. Burdwan* reported light rain-squalls off the Konkan coast on the 19th, while *S. S. Aungban* experienced rough seas and NNW winds, force 5, with rain-squalls near Lat. 16° N, Long. 69° E., on the afternoon of the 20th. Thereafter the depression weakened without any appreciable movement and became unimportant by the 21st morning.

15. *Storm of 27th September to 1st October 1929.*—With the revival of the south-west monsoon after the 21st in the neighbourhood of Ceylon, many ships reported rainfall associated with squalls and rough seas from that region and from the south-east Arabian Sea. The upper winds above 2 Km., which had been easterly at Colombo up to the 23rd morning, veered to SE on the 24th; NE to E upper winds over the Peninsula also began to veer after that date and became S to SE on the 26th morning. Pressure was falling on the west coast, south of Bombay, from the 21st to the 24th and

at Minicoy and Aminidivi between the 21st and 26th. Extensive and locally heavy thunderstorm rain occurred in Ceylon and the south of the Peninsula between the 22nd and 25th and rainfall extended northwards in the Deccan after that date.

The strong south-west monsoon in the rear of the low pressure area gave rise to unsettled conditions in the south-east Arabian Sea from the 24th to 26th and a depression formed by early morning on the 27th, centred after 2 hours near Lat. 12° N, Long. 70° E. Upper winds on this morning were generally south-easterly up to 1 Km. and easterly above 2 Km. at Poona and Ahmedabad and south-westerly in the south of the Peninsula. This caused an indraught of moist winds from the south-east Arabian Sea, and widespread and locally heavy rain fell in the Peninsula on the 27th. The same morning *S. S. Karapara*, bound for Bombay from Mombassa, reported rain-squalls with easterly wind near Lat. 17° N, Long. 69° E. During the 27th, the depression moved north-westwards, and on the next morning its central region lay near Lat. 14° N, Long. 69° E.

S. S. Clan Lindsay, bound from Aden to Bombay, which was having slight to moderate sea with light W to N/W breeze on the 28th morning, began to encounter in the course of the day, rough seas with the veering and strengthening of the wind and reported strong N/E wind, with rough seas and frequent heavy rain-squalls, at 4 hours on the 29th morning. An extract from her log is given below:—

S. S. Clan Lindsay.

Date.	Hour.	Position.	WIND.		REMARKS.
			Direction.	Force.	
28th Sept. 1929.	4	....	W	2	Slight sea and swell. Fine and clear.
	8	16° 30' N	N/W	2	Ditto.
		61° 55' E			
	12	16° 40' N	N/W	4	Slight sea and swell. Clear.
		02° 40' E			
	16	....	N	5	Moderate sea. Clear.
	20	....	NW	6	Rough sea. Fine and clear.
29th Sept.	24	....	N	6	Rough sea and slight swell. Clear.
	4	....	N/E	6	Rough sea. Frequent heavy rain-squalls.
	8	17° 32' N	N/E	6	Rough sea.
		65° 44' E			

The depression began to intensify on the afternoon of the 28th and the wind and sea in the northern semi-circle, which had so far generally been only moderate began to rise and became strong wind and rough sea. The centre of the depression lay near Lat. 15° 30' N and Long. 66° E at 8 hours on the 29th morning. By this time the upper winds in the eastern half of the Peninsula were no longer affected by the depression; while those at Poona had veered and become southerly; also the upper winds at Karachi and Muscat

came under the grip of the depression and were easterly up to 3 Km. at the former place and at 1 and 2 Km. at the latter.

The barometer readings of *S. S. Morea*, bound from Bombay to Aden and approaching the central region of the depression, give an idea about the pressure gradient near the centre. Her barometer, which read 29.72" at 12 noon on the 29th when she was about 100 miles away from the centre, fell by about 0.2" in the course of the next 5 hours. Her radio messages as well as the log of *S. S. Masula*, bound for Aden from Bombay, show also that near the centre the winds were only light to moderate. *S. S. Masula*, however, began to experience high rough sea and heavy swell together with heavy rain-squalls, between 23 hours of the 29th and 8 hours of the 30th. An extract from her log is given below:—

S. S. Masula.

Date.	Hour.	Position.	WIND.		REMARKS.
			Direction.	Force.	
29th Sept. 1929.	12	16° 53' N, 64° 35' E	NE/N	4	Rough sea and moderate swell. Showery.
	16	....	NNW	4	Moderate sea and heavy confused swell. Continuous heavy rain.
	20	....	W/S	5	Rough sea and confused swell.
	24	....	W	7	Rough sea and heavy swell. Rain-squalls dull and overcast.
30th Sept. 1929.	4	....	W/S	7	High rough sea and heavy swell. Frequent heavy rain-squalls.
	8	15° 41' N, 61° 58' E	W/S	7	High rough sea and heavy swell.
	12	15° 27' N, 61° 28' E	WSW	7	Rough sea and moderate swell.

By the morning of the 30th, the depression had probably developed into a storm, and, at 8 hours on that day, *S. S. Morea* reported a westerly gale with rough sea and squally weather; the storm centre at this time was near Lat. 18° N, Long. 62° E. During that day, it weakened rapidly while moving in a west-north-westerly direction, and it crossed the Arabian coast between 19° and 20° N at about 7 hours on the morning of the 1st October, and became unimportant thereafter.

16. *Depression of 2nd to 7th October 1929.*—Unsettled conditions which appeared in the south of the Bay in the beginning of the month developed by the morning of the 2nd into a depression which was centred near Lat. 12° N, Long. 85° E. Thence it advanced in a north-north-westerly direction and crossed the coast south of Cocanada on the morning of the 4th. The strong monsoon to the east of the depression gave widespread heavy rain on the coast from Masulipatam to Balasore on the 3rd. After crossing the coast the depression weakened, and curved to the north and north-north-east. With the change in its track on the 4th the monsoon was deflected towards north-east India where widespread

rain commenced. The depression lay as an elongated low on the north Madras coast on the 5th, but was more marked over Ganjam and south Orissa next day. Continuing on its north-north-easterly track it reached Chota Nagpur on the 7th morning and disappeared in the next forty-eight hours without further appreciable motion. The associated rainfall in north-east India continued to be widespread and locally heavy till the 8th; the falls were particularly heavy in east Bihar and north Bengal on the 6th and 7th, and the district averages given below summarise the rainfall in those areas:—

District.	Rainfall recorded on 7th. 8th.	
Monghyr	2.9	3.6
Bhagalpur	2.7	5.5
Purnea	2.0	3.8
Santhal Parganas	2.7	3.6
Rampur Boalia	3.4	5.0
Dinajpur	4.3	2.8
Jalpaiguri	1.6	2.3
Darjeeling	2.3	6.4
Rangpur	4.1	7.3
Bogra	3.8	3.8
Malda	3.9	3.2

17. *Depression of 12th to 17th October 1929.*—Unsettled conditions which appeared in the Andaman Sea on the 12th passed slowly westwards across the centre of the Bay in the next few days, and lay as a shallow depression off the north Madras coast on the 17th. After crossing the coast this depression like its predecessor took a north-easterly course and disappeared over north Bengal on the 20th. Rainfall associated with it was very heavy in the Ganjam district between the 15th and 17th, and extended on the last date to north-east India. Heavy falls were recorded in east Bihar and north Bengal on the 18th and 19th and continued in north Bengal on the 20th also. The district averages for these days as well as particularly heavy falls are given below:—

District.	DISTRICT AVERAGE RECORDED ON				Heavy falls.
	16th.	17th.	19th.	20th.	
Ganjam	2.6	4.1	..	..	Chatrapur 5.8" and Gopalpur 7.6" on 17th.
Bhagalpur	3.1	2.4	Colgong 6.2" on 20th.
Purnea	3.0	4.2	Purnea 6.2" and Barsoe 6.0" on 20th.
Santhal Parganas	2.4	1.3	Sahibganj 7.0" on 19th.
Dinajpur	2.8	2.3	Thakurgaon 9.2" and Raiganj 8.0" on 20th.
Jalpaiguri	3.8	3.3	Jalpaiguri 5.6" and Debiganj 5.8" on 20th.
Rangpur	2.7	1.8	Bagdogra 6.5" on 20th.
Darjeeling	4.2	9.2	Darjeeling 18.1" and Kurseong 11.8" on 20th.

18. *Unsettled conditions in the central Arabian Sea on the 9th and 10th November 1929.*—Strong SE to NE winds to the north of Lat. 12° N and the retreating south-west monsoon current to the south of that latitude gave rise to unsettled conditions in the central Arabian Sea on the 9th. On the west coast south of Bombay, upper winds up to 1 Km. which had been moderate E-ly to SE-ly on the 7th, weakened on the 8th, and became generally light variable on the 9th morning. *S. S. Khosrou* experienced moderate to strong E to SE winds, accompanied by squalls in the neighbourhood of Lat. 14° N, Long. 64° E, between 8 hrs. and 24 hrs. on the 9th; on the same evening, *S. S. Pilsna* and *S. S. Magdapur* had rough seas and occasional rain-squalls, with E to NE wind of force 4 to 6, near Lat. 16° N, Long. 62° E, and *S. S. Oxfordshire* recorded squalls with moderate SW wind and moderate sea in the neighbourhood of Lat. 10° N, Long. 63° E. The unsettled conditions did not, however, develop further and were less marked on the 10th morning, when the upper winds on the west coast had again become moderate E to NE; by the 11th weather became normal.

19. *Depression of the 3rd and 4th November 1929.*—Conditions became unsettled in the south of the Bay at the beginning of November, and a depression formed near Lat. 8° N, Long. 86° E on the morning of the 3rd. The upper winds at Madras were then NNE, 10 m. p. s. below 1 Km. and E or ENE, 7 to 8 m. p. s. from 1 to 3 Km. Squally or rainy weather was reported by steamers in the south-west of the Bay. The depression moved in a north-westerly direction and lay on the morning of the 4th near Lat. 11° N, Long. 84° E. At Madras the upper winds had strengthened and were 13 to 16-m. p. s. from NNE upto 1 Km. beyond which height the balloon was lost in cloud. Rainfall had commenced on the Coromandel coast, and falls amounting to 4" were general from Madras to Negapatam during the day. The depression took a west-north-westerly course and crossed the coast near Pondicherry at night, and lay over the northern districts of south-east Madras on the morning of the 5th. It caused widespread rain in the south of the Peninsula upto the 6th evening and became unimportant by the next morning.

20. *Depression and Storm of 27th November to 1st December 1929.*

Unsettled conditions appeared in the south of the Bay of Bengal on the 22nd, and a diffuse front lying roughly SW to NE through the Andaman Islands had developed on the morning of the 23rd. During the next three days, the northern portion of this front moved considerably westwards, while a depression with a very elongated closed wind-circulation developed along it, causing considerable strengthening of the NE monsoon between it and the Madras-Orissa-Bengal coast.

In the early hours of the 26th, the elongated form of depression had changed to the more typical cyclonic circulation, with its centre at 8 hrs., very near Lat. 11° N, Long. 83 $\frac{1}{2}$ ° E. *S. S. Heijin Maru*, bound for Calcutta from Bombay appears to have been very near the core of the depression, but to the S of it, from 0 hr. on the 26th up to 8 hrs., when she appears to have been nearest to it. By noon she had outstripped the movement of the depression, but thereby entered the region of strong winds to the N of it. Thereafter,

though travelling faster than the depression, she again experienced fresh E-ly to NE-ly gales from noon of the 27th to 20 hrs. on the 28th. The four-hourly observations of this ship, with her 8 hrs. and noon positions during this period, are given below.

S. S. Heijin Maru.

Date.	Hour.	POSITION.		WIND.		REMARKS.
		Lat. (N.)	Long. (E.)	Direction.	Force.	
26	0	....		N	6	Rough sea and swell. Rain.
		....		SE	6	Rough sea. Drizzling. Lightning. Thunder.
	8	10.54°	83.47°	W	6	Rough sea. Overcast.
	12	11.20°	83.56°	NE	4	Moderate sea. Rain.
	16	....		E	6	Rough sea. Drizzle.
	20	....		E	6	Rough sea. Drizzle.
	24	....		E	5	Rough sea. Overcast.
	0	....		NE	5	Rough sea. Rain.
	4	....		E	6	Rough sea. Rain.
	8	13.50°	85.02°	E	8	High sea. Rain.
27	12	14.21°	85.14°	E	8	High sea. Rain.
	16	....		E	8	High sea. Rain.
	20	....		NE	8	High sea. Rain.
	24	....		NE	8	High sea. Rain.
	0	....		NE	8	High sea. Rain.
	4	....		E	8	High sea. Rain.
	8	16.28°	86.19°	E	8	High sea. Rain.
	12	16.52°	86.29°	ENE	8	High sea. Rain.
	16	....		E	8	High sea. Rain.
	20	....		E	8	High sea. Overcast.
28	0	....		E	7	High sea. overcast.

It is also noteworthy, that the barometer of the *Heijin Maru* read exceptionally low at 8 hrs. on the 26th.

The depression, gradually strengthening, lay, on the 27th morning, with its centre very near lat. 12 $\frac{1}{2}$ ° N; long. 84 $\frac{1}{2}$ ° E.

Winds in the northern quadrant of the depression had definitely reached storm force by the 28th morning, and although the circulation again became an elongated one with a NNW to SSE major axis, the region of lowest pressures remained in the northernmost portion of it, in the neighbourhood of Lat. 14° N, Long. 85° E. The easterly gales experienced by *S. S. Heijin Maru*, although nearly 200 miles away from this position, and the fresh gales which she continued to have till 20 hrs. on this day (when she was as far north as Lat. 18° N.), have already been noticed above. *S. S. Miyadono Maru*, bound south from Calcutta (noon position 17.33° N, 86.40° E.), experienced a NE-ly gale at 20 hrs., which, by midnight (when she was near 16 $\frac{1}{2}$ ° N, 86° E), had veered to a hurricane from the E.

At 8 hrs., on the 29th, the region of lowest pressures had moved to a position very near Lat. 15° N, Long. 86° E. *S. S. Miyadono Maru*, which continued to experience high seas, continuous rain and winds reaching hurricane strength throughout the day, was having a NE-ly whole gale when near Lat. 15 $\frac{1}{2}$ ° N, Long. 85 $\frac{1}{2}$ ° E at 8 hrs. At noon she was having a N-ly gale and at 16 hrs. a NNW-ly gale, which by 20 hrs. had backed to an ESE-ly. These winds, in

conjunction with the noon position of the ship, suggest a little further movement in the same direction of the storm centre up to about noon, and then a recurving of its path in a WNW'ly direction gradually changing to W'ly after 18 hrs. and to SW'ly after 20 hrs. on the 29th.

Hurricane winds, first experienced by this ship about 0 hr. on the 29th from the E., continued to blow from directions gradually changing to NE up to 5 hrs., and again from a NNE'ly direction about 9 hrs., when she was probably nearest the centre. From 10 hrs. onwards, as the ship passed away from the storm centre the wind gradually dropped to fresh gales, while its direction steadily veered further to SSW'ly by midnight.

By 8 hrs. of the 30th, the storm had weakened into a depression centred near Lat. 13°N, Long. 82 $\frac{1}{2}$ E at 8 hrs. S. S. *Erinpura*, then near Lat. 13 $\frac{1}{2}$ N, Long. 84°E, was experiencing a SE'ly gale, having suffered a sudden change from N'ly to NNW'ly directions to this direction between

5 and 6 hrs. that morning, when she was near Lat. 13 $\frac{1}{2}$ N, Long. 83°E.

At 8 hrs. on 1st December, the depression was centred near Lat. 11 $\frac{1}{2}$ N, Long. 81 $\frac{1}{2}$ E. S. S. *Mandala*, which at 3 hrs. (position Lat. 11 $\frac{1}{2}$ N, Long. 83 $\frac{1}{2}$ E) was experiencing moderate NW'ly gales, was having a moderate NNE'ly gale at 8 hrs., (her position then being Lat. 12°N, Long. 80 $\frac{1}{2}$ E.) and a moderate ENE'ly gale at 10 hrs.

By 19 hrs. on the 1st, the depression, much weakened, was centred in the Palk Strait, and moderate rain had fallen along the south Coromandel coast since morning, as against a very few insignificant falls in the whole of the country since the 25th morning, and only one fall of an inch at Madras, on the previous day.

The depression thereafter travelled a little way along the Gulf of Manar during the rest of the day, giving widespread and locally heavy rain in south Madras, and then rapidly died down.

WESTERN DISTURBANCES.

The following is a list of the western disturbances which affected the weather in northern India during the year with the dates on which they did so and brief notes on the precipitation that they produced :—

January.				March.			
1	3—4	.	.	A few light falls of snow in the extreme north.			
2	8—9	.	.	No appreciable precipitation.			
3	11—13	.	.	Local rain or snow in Kashmir and a few falls in the North-West Frontier Province on the 11th; widespread rain or snow in Kashmir on the 12th.			
4	13—18	.	.	Widespread rain in the extreme north on the 13th and over the belt of country extending from the east Punjab to north Burma between the 15th and 17th, including some heavy falls in Bengal and Assam between the 16th and 17th.			
5	23—29	.	.	A spell of remarkably wet weather over most of northern and central India between the 23rd and 29th, with some heavy falls of snow along the western Himalayas on the 25th.			
6	29—1st Feb.	.	.	Widespread rain over the region from the western Himalayas to Orissa and the north Madras coast between the 29th and 31st.			
February.				April.			
7	2—5	.	.	Local rain or snow along the frontier and in Kashmir on the 2nd; fairly widespread rain in the north of the Peninsula between the 3rd and 5th.			
8	5—9	.	.	Local rain along the frontier between the 5th and 7th, widespread rain in the extreme north on the 8th.			
9	9—12	.	.	Widespread rain over the region extending from Baluchistan to the western Himalayas, with scattered falls in the central parts of the country and north-east India between the 9th and 14th.			
10	11—14	.	.				
11	15—16	.	.	No appreciable precipitation.			
12	18—19	.	.	No precipitation.			
13	20—24	.	.	Widespread rain along the frontier and the western Himalayas on the 21st.			
14	25—1st March	.	.	Local rain along the western Himalayas between the 26th and 28th.			
				15	4—12	.	.
				16	16—19	.	.
				17	21—27	.	.
				18	27—1st April	.	.
				19	1—3	.	.
				20	3—6	.	.
				21	8—12	.	.
				22	15—18	.	.
				23	18—23	.	.
				24	23—25	.	.

	<i>May.</i>			<i>Decembe.</i>				
25	6—8	.	.	Widespread duststorms in north-west India on the 6th, 7th and 8th, with local rain in the east Punjab and Kashmir on the 7th and 8th.	30	3—5	.	Widespread rain along the frontier and in Kashmir on the 4th; light showers along the western Himalayas on the 5th.
26	15—17	.	.	Extensive dust or thunderstorms in north-west India between the 15th and 17th, local rain along the frontier and the western Himalayas and in east Rajputana on the 16th; a few falls in west Rajputana and the west United Provinces on the 17th.	31	6—7	.	No precipitation.
27	27—29	.	.	No appreciable rain.	32	8—13	.	Local rain along the frontier and in Kashmir on the 8th and 9th, widespread rain in north-west India outside Gujarat and Rajputana on the 10th, and nearly general rain along and near the western Himalayas between the 10th and 13th.
	<i>June to October.</i>			No well-defined western disturbances.	33	17—20	.	Local rain or snow in Baluchistan on the 17th and extensive rain in north-west India over the region extending from Kashmir to the United Provinces on the 18th, in north Bihar, Rajputana and Gujarat on the 19th, and in the east Punjab, the United Provinces, Bihar and Chota Nagpur on the 20th.
	<i>November.</i>				34	22—25	.	Widespread rain in the central parts of the country on the 23rd and over the region extending from the east Punjab to Bihar and Chota Nagpur on the 24th. Nearly general rain in Orissa, Chota Nagpur and south-west Bengal on the 25th.
28	12—13	.	.	No precipitation.	35	29—31	.	A few light showers in north Baluchistan on the 29th.
29	28—30	.	.	No precipitation.				

LOCAL STORMS.

Of the local storms reported in newspapers, the following are noteworthy :—

March 11th.—A severe hailstorm passed over Calcutta at night lasting about 45 minutes. During this time nearly 2" of rain fell and the velocity of the maximum gust of wind, as recorded at the Alipore Observatory, reached 42 miles per hour. Four boats were sunk, but no lives were lost.

April 9th.—Due to severe thunderstorm, the building of the Malayalam Girls' School at Mayyanad, near Quilon, collapsed and one person was buried under the débris. The roofs of several dwelling houses and huts were blown off.

April 30th.—A severe storm passed over Bangalore in the evening, and within some 10 minutes did much damage, especially to the Bangalore race club buildings ; the grand stand roof was carried bodily to the far side of the road.

May 1st.—A violent storm, accompanied by fierce thunder and lightning, passed over Trichur in the evening; a newspaper report states that " a thunderbolt fell on the Thakkin-kad Maidan and tore up a few yards of earth in the form of a crater".

May 7th.—Fourteen lives were lost when a strong gust of wind capsized a country sailing boat on the Hooghly.

May 8th.—A hailstorm passed over the gold fields at Oorgaum in the afternoon. Hailstones of unusually big size fell and the public electric supply was dislocated for about three hours. The zinc roof of the Gymkhana pavilion was blown away.

1st to 3rd May and 8th to 11th.—Several heavy thunderstorms occurred in the Peninsula. One of these passed over Kerala in the early hours of the 3rd and as a result the pandal of the Kerala Hindu Conference collapsed, causing the instantaneous death of a volunteer and injuries to several others.

May 11th.—In a hailstorm at Trichinopoly, hailstones bigger than tennis balls were observed. A few stones picked up at random weighed from three quarters of a pound to a pound each, the crystals being of various shapes. The storm did much damage to the roofs of houses and to gardens. Electric wires were cut and lights smashed.

May 18th.—A severe storm in the evening was reported to have caused considerable damage to buildings and trees in Meerut. Much damage was also done in the surrounding villages, where several cattle were killed. The storm was considered to be the worst seen in Meerut for a great many years.

May 21st.—Due to a sudden storm, 4 boats capsized and 11 persons were drowned in the Indus near Hyderabad (Sind).

May 22nd.—A nor'-wester passed over Calcutta in the evening, when the maximum wind velocity of 49 miles per hour was recorded at Alipore. A motor driver was electrocuted at Ballygunge from a broken electric cable. The gale swept across the city with considerable violence, enveloping it in impenetrable clouds of dust.

May 24th.—A severe duststorm passed over Lahore in the morning. Doors and windows of many houses were broken and several trees uprooted.

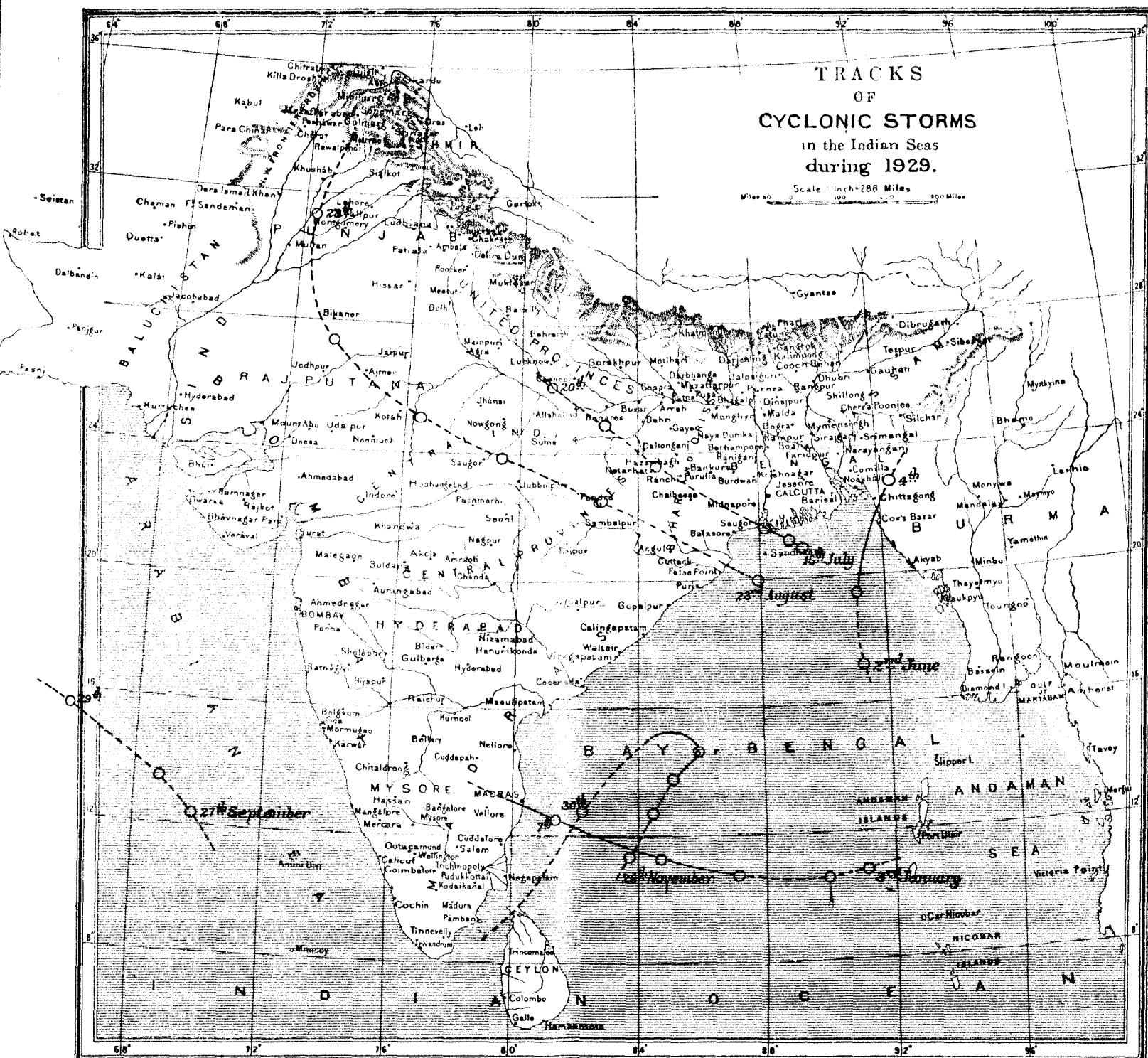
May 26th.—At about 3 P.M., there was a very violent wind at Samastipur. Two six-wheeled carriages and one six-wheeled brake van of the "40 Down" mixed train from Bhaptiai to Samastipur were blown off the line.

July 21st to 24th.—Due to very violent winds, the engine and several carriages of a train on the Kosamba-Jamkhavan Railway (a part of the Gaekwar's State Railway) were blown off the lines.

WINDS OF FORCE NINE OR MORE IN INDIAN SEAS.

Excluding dates of storms and depressions a description of which has been given above, winds of force nine or more were recorded on ships in the Indian seas during the year 1929 on the following occasions :—

Month and date.	Name of Ship.	APPROXIMATE POSITION.		Month and date.	Name of Ship.	APPROXIMATE POSITION.	
		Latitude.	Longitude.			Latitude.	Longitude.
9th May . .	<i>Kifunegon Maru</i> . .	° N 5	° E 85	13th July . .	<i>S. S. Wartenfels</i> . .	° N 15	° E 59
10th May . .	<i>Kifunegon Maru</i> . .	6	82	14th July . .	<i>S. S. Wartenfels</i> . .	15	61
11th June . .	<i>S. S. Trenenfels</i> . .	15	59	14th July . .	<i>S. S. City of Bristol</i> . .	22	67
15th June . .	<i>S. S. Badarpur</i> . .	14	92	13th July . .	<i>S. S. Vita</i> . .	22	68
6th July . .	<i>S. S. Sonnenfels</i> . .	15	58	18th July . .	<i>S. S. Birkenfels</i> . .	17	59
12th July . .	<i>S. S. Rabenfels</i> . .	19	70	19th July . .	<i>S. S. Birkenfels</i> . .	17	57
13th July . .	<i>S. S. Rabenfels</i> . .	18	72	25th July . .	<i>S. S. Barenfels</i> . .	12	56
12th July . .	<i>S. S. Wartenfels</i> . .	14	55	6th August . .	<i>S. S. Sonnenfels</i> . .	18	63



The track in the Arabian Sea of the storm of 27th. September to 1st. October 1929, which lies outside the boundaries of the map, is defined by the following positions:-

Lat.	Long.	Lat.	Long.	Lat.	Long.
29th. Sept. 15½° N.	66° E.	30th. Sept.	18° N.	1st. Oct.	19½° N
			62° E.		57° E.

----- Depression

— Storm

— Severe storm

GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW
ANNUAL SUMMARY FOR 1929

PART D
ANNUAL TABLES

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UNDER THE DIRECTION OF
C. W. B. NORMAND, M.A., D.Sc.,

Director General of Observatories

**Table D-1.—Abstract of observations taken at 10 hrs. and 16 hrs.
at 13 stations in India, etc., in the year 1929.**

MONTHLY AND

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of bar.-istern above sea-level in feet.	PRESSURE (REDUCED TO 32° F. AND STANDARD GRAVITY).						TEMPERATURE OF AIR.						TEMPERATURE WET BULB.						NOCTURNAL RADIATION TEMPERATURE.			
			Mean 10 hrs.			Mean 16 hrs.			Mean maximum.			Highest maximum.			Lowest minimum.			Mean 16 hrs.			Mean minimum.			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Calcutta (Bengal).	January . .	21	30.009	29.882	-127	29.936	-0.027	79.1	69.9	84.0	50.0	70.9	77.7	68.5	+3.3	37.7	62.6	64.8	61.7	52.3	7.0	-0.3		
	February . .	..	29.973	-839	-134	-898	-0.004	83.1	60.3	91.1	51.0	74.5	82.2	70.8	+0.5	57.2	63.0	64.8	61.7	52.4	7.5	+0.5		
	March . .	..	-885	-749	-136	-811	+0.010	92.6	70.2	103.0	59.0	83.9	90.9	80.5	+1.2	67.0	72.3	71.7	70.3	68.0	7.2	+1.1		
	April . .	..	-782	-649	-133	-715	+0.019	95.9	77.5	105.5	66.8	88.9	92.3	86.0	+1.0	73.2	79.6	79.1	77.3	72.6	4.8	+0.8		
	May . .	..	-642	-524	-118	-585	-0.021	97.4	81.2	102.2	73.2	91.6	94.2	89.0	+3.3	77.1	82.2	82.1	80.5	78.3	3.0	-0.3		
	June . .	..	-506	-419	-087	-468	-0.026	92.8	79.4	101.3	75.8	87.9	88.9	85.8	+1.3	76.5	81.2	81.1	79.6	77.4	2.4	+0.2		
	July . .	..	-452	-372	-080	-418	-0.067	88.0	78.8	97.3	76.0	84.0	84.3	83.1	+0.1	77.1	80.0	80.0	79.0	76.8	2.0	+0.1		
	August . .	..	-565	-464	-101	-516	-0.020	88.9	78.8	92.0	77.0	84.7	85.1	83.6	+1.2	77.2	80.3	80.6	79.4	76.9	1.9	-0.1		
	September . .	..	-728	-614	-114	-672	+0.035	89.7	78.5	92.3	72.2	86.0	85.8	83.8	+1.2	76.9	80.6	80.1	79.2	76.0	2.4	-0.2		
	October . .	..	-852	-745	-107	-794	+0.009	87.1	74.8	92.0	67.9	82.9	84.8	80.5	+0.5	73.1	76.3	76.6	75.4	71.0	3.7	-0.7		
	November . .	..	-958	-837	-121	-894	-0.015	83.4	65.0	87.4	57.9	78.5	81.3	73.6	+1.2	63.3	68.4	68.2	66.6	58.5	6.5	+0.1		
	December . .	..	30.021	-897	-124	-963	-0.020	76.7	57.4	84.0	46.8	70.2	74.7	66.6	+0.7	55.9	61.9	63.1	60.8	50.8	6.4	-1.3		
	Year . .	..	29.781	29.666	-115	29.722	-0.010	87.9	71.8	103.5	46.8	82.0	85.2	79.3	+1.3	69.3	74.0	74.3	72.7	67.2	4.6	0		
Lahore (Punjab).	January . .	702	29.322	29.239	-083	29.272	-0.019	66.4	41.9	73.1	29.0	54.7	65.8	52.2	-0.8	41.1	49.1	54.7	48.8	29.6	11.4	+1.6		
	February . .	..	-307	29.216	-091	-253	+0.007	70.7	45.5	83.6	31.1	59.9	69.4	57.4	+0.1	43.8	51.8	56.0	50.6	33.5	11.2	+1.6		
	March . .	..	-180	-886	-094	-127	-0.005	89.6	57.8	96.5	43.0	78.3	88.9	78.1	+4.1	53.4	63.0	66.1	60.8	45.6	11.7	+2.4		
	April . .	..	-068	28.958	-110	-007	+0.007	98.7	69.4	108.2	59.2	89.2	97.7	88.7	+2.8	62.1	69.4	71.7	67.7	60.0	9.8	-0.2		
	May . .	..	28.897	-802	-095	28.843	-0.027	107.2	76.4	116.8	69.7	97.8	105.7	91.5	+2.6	65.2	72.7	74.5	70.8	67.8	9.1	0		
	June . .	..	-745	-645	-100	-687	-0.051	104.3	82.2	118.6	69.5	94.7	104.0	92.9	-0.1	73.8	78.8	80.1	77.8	75.7	6.2	-0.4		
	July . .	..	-750	-654	-096	-698	-0.035	97.6	80.8	108.4	71.4	90.1	95.9	88.3	-0.8	76.9	79.5	81.2	79.2	77.0	3.7	-0.4		
	August . .	..	-824	-738	-086	-793	-0.006	95.5	79.4	103.4	75.0	88.8	93.1	86.6	-0.5	77.2	80.4	81.5	79.7	75.7	3.9	-0.3		
	September . .	..	29.001	28.907	-094	-946	+0.009	98.7	75.6	102.0	70.8	87.0	98.0	86.2	+1.4	78.4	77.5	79.2	76.7	68.8	6.9	+0.8		
	October . .	..	-159	29.067	-092	29.102	-0.012	91.2	62.6	99.8	54.8	80.6	89.6	75.5	-0.2	58.6	67.1	70.4	65.8	58.0	9.7	-0.8		
	November . .	..	-286	-198	-098	-232	-0.019	82.1	49.8	88.8	40.2	68.6	79.9	68.7	+0.6	46.8	57.9	64.0	56.2	36.3	12.9	+2.0		
	December . .	..	-838	-255	-088	-287	-0.038	64.5	44.1	76.8	35.0	54.3	62.0	52.1	-2.5	42.7	49.9	55.0	49.2	34.1	8.6	-1.4		
	Year . .	..	29.073	28.980	-098	29.020	-0.016	88.9	68.7	118.6	29.0	82.0	87.6	75.8	+0.6	50.6	60.4	69.5	65.1	54.7	8.7	+0.4		

ANNUAL TABLE D-1.

at 13 stations in India, etc., in 1929:

VAPOUR TENSION IN INCHES OF MERCURY.				HUMIDITY.						CLOUD.			WIND DIRECTION.										WIND VELO-CITY.			
From minimum.	Mean 10 hrs.	Mean 10 hrs.	Mean of daily means.	From minimum.	Mean 10 hrs.	Mean 10 hrs.	Mean of daily means.	From minimum.	Mean 10 hrs.	Mean 10 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Mean wind direction.	Normal mean wind direction.	Mean miles per diam.	Departure from normal.	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
-456	-462	-446	-472	+041	87	61	47	67	-3	4.9	3.6	4.3	+2.8	2	6	5	5	8	7	10	2	22	N 58° W	N 80° W	80	+35
-435	-431	-384	-443	-042	82	51	35	59	-7	1.4	1.0	1.6	-0.6	0	9	4	4	2	5	5	9	18	N 50° W	N 78° W	59	+1
-690	-645	-525	-640	-003	84	56	37	64	-3	0.8	1.0	1.4	-0.8	1	2	1	4	6	8	28	7	10	S 48° W	S 60° W	80	-6
-276	-887	-815	-858	+061	82	65	54	72	+2	4.0	5.0	4.5	+1.0	3	0	2	0	5	18	27	3	2	S 26° W	S 30° W	110	-13
-882	-972	-934	-938	+055	83	66	59	72	-3	4.2	2.7	3.5	-0.8	0	0	1	0	7	34	20	0	0	S 9° W	S 9° W	149	+26
884	-972	-949	-938	-033	87	74	70	79	-4	8.2	8.8	8.5	+1.0	4	1	0	5	12	16	17	1	4	S 4° W	S 3° W	96	-8
-917	-971	-960	-951	-020	93	84	82	87	0	9.0	9.5	9.2	+0.6	1	0	5	4	10	15	18	6	2	S 12° W	S 1° W	85	-3
-922	-973	-982	-961	-006	93	82	82	87	-1	8.3	9.1	8.7	0	1	1	4	12	18	8	18	3	2	S 30° E	S 2° E	80	-2
-912	-968	-950	-949	-003	94	78	77	84	-2	7.2	8.4	7.8	-0.1	13	0	2	9	10	10	9	5	2	S 13° E	S 9° W	46	-25
-807	-824	-811	-834	+018	93	73	68	81	-1	4.8	5.5	5.1	+0.5	8	8	3	11	5	13	4	3	12	S 22° E	N 18° W	61	+2
-563	-564	-517	-563	-015	90	58	48	69	-5	1.5	2.1	1.8	-0.7	2	7	1	1	1	0	6	8	34	N 52° W	N 12° W	44	0
-437	-448	-425	-449	+011	92	60	50	70	-1	2.2	2.5	2.4	+0.6	2	13	5	4	2	0	1	3	32	N 25° W	N 18° W	51	+7
718	-760	-725	-750	+006	88	67	59	74	-3	4.7	5.1	4.9	+0.8	37	42	33	59	81	134	154	50	140	..	..	78	+1
252	-277	-286	-276	+007	94	64	45	71	+1	2.9	3.6	3.2	-0.5	28	4	3	0	8	3	0	8	13	N 52° W	N 30° W	26	-4
-271	-286	-270	-287	0	88	55	39	64	+2	4.1	4.5	4.3	+0.4	10	7	4	0	1	1	3	3	27	N 40° W	N 30° W	38	-1
-364	-377	-341	-372	+012	77	38	25	49	-5	2.9	2.6	2.8	-0.7	14	2	4	1	1	0	2	3	35	N 42° W	N 12° W	43	-8
-461	-452	-436	-464	+069	65	34	25	48	+2	2.9	1.8	2.3	-0.6	18	1	11	1	4	4	3	6	12	N 24° W	N 15° W	37	-19
-478	-464	-433	-468	+014	52	26	20	34	-2	1.8	1.9	1.9	-0.3	21	1	8	1	9	0	2	0	20	N 11° W	N 12° E	44	-12
-708	-748	-706	-737	+110	66	49	35	51	+7	0.7	0.3	0.5	-2.4	20	0	4	4	14	4	3	0	11	S 51° E	N 18° E	51	-12
-873	-887	-869	-888	+025	83	63	54	68	+3	6.1	4.1	5.1	+0.8	26	1	7	4	11	2	0	2	9	N 74° E	S 78° E	46	-15
-908	-921	-887	-938	+054	91	69	62	75	+4	4.6	5.4	5.0	+1.0	22	0	5	5	12	0	4	7	7	S 35° E	S 78° E	40	-9
-794	-770	-751	-751	+068	89	54	42	65	+4	0.1	0.3	0.2	-1.7	28	0	0	1	4	4	1	10	12	N 87° W	N 46° E	18	-18
-445	-485	-488	-481	+086	79	47	35	57	+5	0.6	0.7	0.7	-0.1	40	1	4	1	4	0	1	3	8	N 89° W	N 9° W	22	-6
-290	-840	-887	-885	+019	82	48	38	60	+8	1.8	3.0	2.4	+0.9	40	3	3	0	1	0	0	0	18	N 25° W	N 42° W	15	-8
-262	-805	-889	-888	+027	89	73	60	76	+18	4.5	5.6	5.1	+2.8	35	2	7	2	2	0	0	2	12	N 8° W	N 36° W	16	-7
-508	-584	-525	-527	+026	79	52	40	59	+3	2.7	2.8	2.9	0	302	22	60	20	68	18	19	44	170	..	..	82	-10

MONTHLY AND

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of barometer above sea-level in feet.	PRESSURE (REDUCED TO 32° F. AND STANDARD GRAVITY).							TEMPERATURE OF AIR.						TEMPERATURE WET BULB.					NOCTURNAL RADIATION TEMPERATURES.												
			Mean 10 hrs.		Mean 16 hrs.		Mean daily range.			Mean of daily mean pressure			Mean maximum.			Mean minimum.			Highest maximum.			Lowest minimum.			Mean 10 hrs.			Mean 16 hrs.			Mean of three previous columns.		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Depression below mean minimum.	Departure from normal.						
Srinagar (Kashmir).	January . . .	5,204	24.980	24.906	-074	24.934	-025	38.6	29.1	48.3	12.9	32.6	36.5	31.9	+1.2	28.3	31.3	34.2	31.3	25.0	3.9	-3.4											
	February . . .	...	.998	.926	-072	.958	+053	39.5	27.1	53.0	0.4	32.3	37.6	31.5	-1.5	26.8	31.2	35.8	31.1	23.0	3.8	-4.2									
	March . . .	...	.979	.880	-099	.924	+052	64.2	38.7	74.0	31.6	52.4	62.3	50.3	+5.2	37.3	47.3	51.2	45.8	30.8	8.0	-0.6									
	April . . .	...	.932	.835	-097	.878	+026	70.5	45.9	81.6	41.0	61.2	67.0	57.1	+1.4	43.9	54.7	56.6	51.7	38.9	7.0	-2.0									
	May . . .	...	.839	.759	-080	.801	+019	77.9	50.5	92.0	43.6	68.1	74.6	63.6	-0.3	47.9	58.9	60.4	55.7	44.8	6.1	-8.6									
	June . . .	...	.680	.595	-085	.639	-025	87.4	57.3	99.2	52.3	74.5	84.5	71.3	+1.4	54.0	63.9	65.5	61.1	51.7	5.6	-4.2									
	July . . .	...	.615	.528	-087	.567	-031	87.6	64.2	95.9	53.9	77.5	84.3	74.1	+1.1	60.6	68.7	71.0	66.7	59.9	4.4	-5.0									
	August . . .	...	.676	.603	-073	.636	0	85.6	64.0	94.4	56.9	76.1	83.0	72.2	+1.4	60.6	68.3	70.3	66.4	60.4	3.7	-5.0									
	September . . .	...	.839	.741	-098	.789	+018	84.3	54.3	91.1	48.9	71.3	83.6	67.1	+3.1	51.2	62.7	65.1	59.7	48.4	5.9	-4.5									
	October . . .	...	.977	.894	-083	.933	+030	66.1	43.4	78.0	35.0	56.5	61.5	53.2	0	41.1	52.0	53.8	48.9	38.5	5.2	-5.2									
	November . . .	...	25.032	.926	-106	.974	+010	60.2	32.1	65.8	25.2	48.0	54.8	44.2	+0.2	30.1	43.9	46.5	40.2	26.8	5.3	-4.9										
	December . . .	...	24.971	.888	-083	.921	-068	41.2	29.2	57.8	16.6	35.1	38.3	33.3	-3.0	27.6	33.7	35.5	32.2	25.1	3.8	-5.4										
	Year . . .	...	24.877	24.790	-087	24.829	+004	66.9	44.7	99.2	12.9	57.1	64.0	54.1	+0.8	42.4	51.4	53.8	49.2	33.4	5.2	-3.2										
Bombay (Bombay).	January . . .	87	29.935	29.826	-109	29.885	-009	82.2	67.8	88.3	55.4	74.1	78.4	74.2	-0.8	61.2	65.6	69.1	65.8	..	..	..								
	February . . .	...	.888	.776	-112	.838	-034	83.9	67.8	96.5	54.6	76.3	79.6	74.9	+0.1	62.9	67.0	70.4	66.8	..	..	..								
	March . . .	...	.843	.725	-118	.792	-024	89.9	75.0	96.2	70.7	83.3	86.4	80.8	+2.8	71.3	74.9	76.3	74.2	..	..	..								
	April . . .	...	.812	.690	-122	.762	+011	91.9	79.0	95.1	76.4	86.6	88.4	84.4	+2.3	74.4	77.2	78.2	76.6	..	..	..								
	May . . .	...	.760	.655	-105	.719	+006	93.2	82.2	94.8	79.7	88.9	90.2	86.6	+2.0	77.4	79.9	80.5	79.8	..	..	..								
	June . . .	...	.610	.539	-071	.587	-025	87.2	77.9	93.4	73.3	83.2	83.8	81.8	-1.1	75.6	78.9	79.0	77.9	..	..	..								
	July . . .	...	.612	.552	-060	.593	+018	86.0	77.4	88.9	74.7	82.6	82.7	80.2	+0.7	75.3	78.5	78.8	77.4	..	..	..								
	August . . .	...	.703	.641	-062	.682	+014	85.6	76.3	87.1	74.1	81.6	82.3	79.9	+0.5	74.2	77.1	77.0	76.1	..	..	..								
	September . . .	...	.707	.670	-097	.728	-002	87.2	76.4	94.8	78.3	82.0	83.4	80.7	+1.3	74.4	77.5	77.7	76.5	..	..	..								
	October . . .	...	.840	.735	-105	.797	+011	89.2	76.0	94.6	73.1	82.7	85.1	81.8	+0.6	78.1	76.8	77.6	75.8	..	..	..								
	November . . .	...	.868	.736	-112	.820	-032	91.6	74.6	94.7	68.4	81.9	85.8	82.2	+2.9	69.8	72.6	74.8	72.2	..	..	..								
	December . . .	...	.900	.801	-108	.862	-080	85.7	67.9	94.0	55.3	76.3	80.5	76.0	-0.4	62.7	67.1	70.4	66.7	..	..	..								
	Year . . .	...	29.796	29.697	-008	29.755	-011	87.8	75.7	96.5	54.6	81.6	83.6	80.2	+0.9	71.0	74.4	74.1	73.7	..	..	..								

ANNUAL TABLE D-1—*contd.*

at 13 stations in India, etc., in 1929.

VAPOUR TENSION IN INCHES OF MERCURY.					HUMIDITY.					CLOUD.					WIND DIRECTION.										WIND VELOCITY.		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Total number of 10 hrs. and 16 hrs. winds from	Normal mean wind direction.	Mean velocity in miles per diem.	Departure Normal
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
-148	-163	-172	-161	+003	91	88	80	86	+2	9·2	7·6	8·4	+1·2	14	4	1	1	13	7	8	7	7	S 29° W	S 21° E	69	+15	
-142	-168	-197	-166	-008	91	89	86	89	+6	9·1	8·4	8·7	+2·1	7	5	1	3	19	6	8	5	7	S 25° E	S 9° W	58	-3	
-210	-209	-251	-230	-025	88	69	48	68	-13	3·1	4·6	3·9	-1·8	8	4	6	1	9	5	5	11	13	N 78° W	N 24° W	72	-12	
-265	-356	-344	-301	-029	86	65	54	68	-10	3·7	7·0	5·4	+0·4	13	4	5	4	6	5	2	6	15	N 40° W	N 18° W	62	-22	
-307	-395	-361	-325	-117	83	58	45	62	-16	2·9	5·7	4·3	+0·3	21	8	6	1	12	5	2	2	5	N 82° E	N 30° E	61	-14	
-381	-480	-414	-377	-158	81	58	36	58	-21	2·6	3·6	3·1	-0·5	17	3	2	0	4	5	2	12	15	N 74° W	N 9° E	53	-13	
-489	-605	-610	-514	-125	81	64	58	66	-15	5·1	5·9	5·5	+1·5	15	9	3	3	11	4	5	3	9	N	N 48° W	56	-13	
-491	-608	-602	-519	-094	82	68	55	69	-11	4·7	5·3	5·0	+1·2	8	11	2	3	11	1	1	10	15	N 34° W	N 48° W	51	-12	
-344	-477	-432	-388	-110	81	62	40	61	-19	1·0	2·6	1·8	-1·5	26	2	0	1	11	4	2	6	8	S 38° W	N 33° W	40	-18	
-234	-338	-330	-256	-046	82	74	61	73	-6	4·6	4·6	4·6	+1·9	29	8	5	2	3	1	2	5	7	N 19° W	N 23° W	40	-13	
-146	-244	-224	-189	-044	80	78	52	69	-10	3·3	3·3	3·3	+0·3	37	3	2	2	3	1	1	3	8	N 32° W	N 1° E	28	-17	
-137	-188	-183	-161	-015	82	88	79	83	+2	9·0	8·2	8·6	+3·5	7	7	3	2	12	7	1	7	16	N 56° W	S 36° E	59	+14	
-275	-357	-343	-299	-064	84	71	58	71	-9	4·9	5·6	5·2	+0·7	202	68	36	23	114	51	34	77	125	..	..	54	-9
-461	-521	-591	-542	-049	67	61	60	67	-5	2·0	1·2	1·6	+0·5	0	9	18	8	0	0	1	5	21	N 1° E	N 6° E	154	-26	
-517	-644	-625	-585	-034	75	59	61	69	-2	1·0	0·7	0·9	-0·3	0	9	14	4	2	1	3	6	17	N 10° W	N 1° W	152	-31	
-719	-752	-768	-774	+037	88	66	61	74	-1	0·2	0·3	0·3	-1·0	0	1	7	7	7	3	8	13	16	N 75° W	N 36° W	133	-58	
-790	-804	-827	-832	-009	80	64	62	71	-6	2·3	1·4	1·9	+0·3	0	3	3	3	3	3	6	16	23	N 69° W	N 60° W	156	-29	
-875	-899	-907	-907	+018	80	66	64	73	-3	2·8	2·2	2·5	-0·1	0	1	0	0	0	4	9	29	19	N 85° W	N 88° W	165	-12	
-855	-930	-925	-920	-018	90	83	80	86	+3	7·2	7·7	7·5	+0·4	0	2	0	0	4	21	22	10	1	S 32° W	S 63° W	234	-32	
-849	-917	-909	-907	-014	90	83	81	86	-1	8·8	9·4	9·1	+0·4	0	0	0	0	1	1	41	19	0	S 57° W	S 75° W	225	-115	
-814	-868	-855	-854	-031	90	81	77	84	-3	7·8	8·3	8·0	-0·4	0	1	0	0	0	1	15	39	6	S 84° W	S 81° W	221	-49	
-823	-883	-870	-866	-006	90	81	76	83	-3	5·4	6·2	5·9	-1·0	0	7	4	4	3	9	3	13	17	N 65° W	N 84° W	151	-38	
-776	-841	-845	-834	-018	86	76	70	80	-1	3·5	2·3	3·0	-0·1	0	7	9	9	4	3	3	7	20	N 18° W	N 9° E	124	-36	
-653	-680	-716	-706	-010	76	62	58	69	-4	2·8	3·0	2·9	+1·2	0	1	15	12	3	0	1	10	18	N 2° E	N 18° E	133	-36	
-508	-645	-615	-581	-068	73	59	59	67	-5	0·8	0·8	0·9	-1·0	0	14	17	8	1	1	1	8	12	N 5° E	N 15° E	155	-15	
-720	-765	-788	-776	-016	82	70	67	76	-2	3·7	3·0	3·7	-0·1	0	55	87	65	28	47	113	175	170	..	..	187	-39

MONTHLY AND

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of barometer above sea-level in feet.	PRESSURE (REDUCED TO 32° F. AND STANDARD GRAVITY.)						TEMPERATURE OF AIR.						TEMPERATURE WET BULB.					
			Mean 10 hrs.	Mean 16 hrs.	Mean daily range.	Mean of daily mean pressure.	Departure from normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Jaipur (Rajputana).	January .	1,431	28.591	28.489	-102	28.531	-007	73.5	46.7	83.5	30.6	64.7	72.1	58.7	-1.2	42.7	52.4	54.7	49.9	
	February .	..	.583	.470	.113	.516	+.024	78.3	49.5	92.8	29.6	69.1	76.7	62.8	-1.4	43.6	53.1	55.6	50.8
	March .	..	.491	.377	.114	.426	+.019	95.9	63.1	102.8	51.2	87.2	94.9	79.1	+4.2	50.9	60.9	62.3	58.0
	April .	..	.410	.284	.126	.341	+.040	100.1	72.1	107.7	64.5	91.0	97.2	86.0	-0.3	60.1	68.0	66.9	64.3
	May .	..	.271	.161	.110	.211	-.013	106.7	77.6	111.7	71.3	98.0	103.7	91.3	-0.9	63.1	69.4	68.7	67.1
	June .	..	.119	.013	.106	.065	-.022	108.4	82.3	109.7	71.0	93.8	101.1	91.7	+1.1	72.2	75.6	74.7	74.2
	July .	..	.097	.009	.088	.052	-.017	91.7	77.4	105.3	73.5	84.8	88.9	83.8	-1.4	74.0	76.6	76.7	75.8
	August .	..	.206	.114	.092	.160	+.027	88.9	75.9	96.0	70.1	82.7	86.9	80.8	-1.5	72.8	75.1	76.1	74.7
	September .	..	.373	.270	.103	.318	+.060	95.6	78.0	101.1	68.8	88.5	94.2	82.8	+0.4	68.1	73.3	73.7	71.7
	October .	..	.481	.382	.099	.425	+.012	93.9	66.4	101.2	57.8	87.4	91.7	78.8	+0.9	57.8	65.6	65.7	63.0
	November .	..	.586	.483	.103	.526	+.010	87.1	56.	93.3	46.3	80.3	84.6	70.0	+1.1	48.3	58.3	60.1	55.6
Bangalore (Mysore).	December .	..	.595	.497	.098	.535	-.029	71.4	49.2	84.2	36.5	65.1	68.4	58.4	-8.1	44.6	52.2	53.9	50.2
	Year .	..	28.400	28.296	.105	28.842	+.011	90.6	65.8	111.7	29.6	82.7	88.4	77.0	-0.1	58.2	64.9	65.8	62.9	
	January .	..	3,021	26.972	26.863	.119	26.911	-.007	83.7	59.7	88.1	53.9	74.2	81.4	70.6	+3.1	57.4	68.2	63.0	61.2
	February .	..	.958	.825	.133	.888	-.013	86.3	62.9	92.3	58.9	76.8	84.0	73.9	+1.9	60.2	64.6	65.1	63.3
	March .	..	.942	.810	.132	.876	+.012	92.2	64.0	98.1	57.9	82.2	90.1	77.1	+0.4	59.3	65.0	63.2	62.6
	April .	..	.904	.768	.136	.842	+.032	91.7	69.0	97.1	65.3	82.1	88.3	79.0	-0.9	64.3	70.5	68.7	67.9
	May .	..	.855	.732	.123	.800	+.025	91.2	69.5	97.1	68.6	83.1	86.5	78.7	+0.2	68.5	72.6	71.4	70.2
	June .	..	.789	.704	.085	.754	-.001	85.1	67.0	91.4	64.8	77.9	81.4	74.2	+0.2	65.4	69.3	69.5	68.1
	July .	..	.797	.710	.087	.761	+.001	85.2	66.3	89.1	63.8	76.8	81.5	73.8	+1.8	64.9	67.9	68.9	67.2
	August .	..	.840	.729	.111	.794	+.018	85.8	66.6	90.1	63.9	76.8	83.1	74.8	+2.6	64.5	67.9	68.8	67.1
	September .	..	.854	.781	.123	.801	-.005	85.4	68.4	91.3	62.5	77.6	83.4	74.1	+2.8	65.0	69.8	70.0	68.1
	October .	..	.912	.801	.111	.858	+.019	82.5	65.9	86.5	62.1	76.6	78.8	72.7	+0.9	64.8	68.9	68.6	67.8
	November .	..	.980	.826	.104	.877	-.002	81.2	62.4	85.3	57.9	75.7	77.9	70.8	+1.2	61.1	66.5	66.9	64.8
	December .	..	.959	.860	.109	.908	-.008	81.1	66.4	85.2	54.0	78.7	78.0	69.8	+2.6	59.1	64.8	64.6	62.7
	Year .	..	26.893	26.778	.114	26.839	+.006	85.9	65.0	98.1	53.9	77.7	82.9	74.1	+1.8	62.7	67.5	67.4	65.9	

ANNUAL TABLE D-1—*contd.*

at 13 stations in India, etc., in 1929.

VAPOUR TENSION IN INCHES OF MERCURY.					HUMIDITY.					CLOUD.					WIND DIRECTION.										WIND VELOCITY.			
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Clouds.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Total number of 10 hrs. and 16 hrs. winds from	Mean wind direction.	Normal mean wind direction.	Mean velocity in miles per day.	Departure from normal.
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47		
-231	-245	-220	-238	-030	70	40	28	50	-6	2.7	2.3	2.5	-0.8	15	9	7	7	3	4	5	7	5	N	N	40	-18		
-221	-215	-188	-215	-047	60	29	21	41	-6	2.3	2.8	2.6	-0.5	7	12	7	7	1	3	6	4	9	N 6° W	N 20° W	58	-13		
-229	-211	-167	-203	-102	89	16	9	25	-14	0.1	0.3	0.2	-2.9	7	7	2	6	8	3	7	12	15	N 63° W	N 46° W	68	-11		
-374	-328	-280	-340	+007	48	24	17	32	+2	1.8	4.7	3.2	+0.7	5	3	2	8	3	3	7	19	15	N 80° W	N 57° W	82	-6		
-401	-363	-264	-350	-098	43	21	18	27	-8	0.3	2.5	1.4	-0.9	3	2	1	1	0	1	8	29	17	N 80° W	N 72° W	93	-17		
-664	-656	-529	-624	-032	61	42	29	46	-6	1.5	2.4	1.9	-2.5	3	3	3	6	1	2	9	24	9	N 85° W	N 70° W	122	+8		
-799	-812	-768	-800	-034	86	69	59	73	-3	6.7	7.1	6.9	-0.5	1	3	2	9	3	4	4	26	10	N 84° W	N 78° W	87	-8		
-769	-773	-765	-782	-034	86	70	62	75	-3	7.1	6.7	6.9	-0.7	5	1	2	11	1	3	10	22	7	S 81° W	N 69° W	74	-8		
-628	-628	-577	-629	-063	77	48	37	59	-10	0.6	1.0	0.8	-3.7	8	6	1	0	1	1	1	17	25	N 58° W	N 42° W	47	-27		
-382	-380	-310	-356	-046	58	27	21	39	-7	0	0.9	0.5	-1.2	18	7	1	1	1	1	2	10	21	N 50° W	N 27° W	35	-19		
-247	-410	-220	-229	-068	54	21	18	36	-11	1.3	1.4	1.3	-0.2	16	10	6	3	2	2	2	10	9	N 30° W	N 24° W	26	-21		
-244	-282	-240	-239	-028	70	39	35	53	0	3.3	4.5	3.9	+1.4	20	4	2	13	10	1	0	5	7	N 79° E	N 27° W	48	-3		
-432	-420	-376	-417	-048	63	37	29	46	-7	2.3	3.1	2.7	-1.0	108	67	36	67	29	28	61	185	149	..	..	65	-12
-446	-445	-361	-418	+010	87	54	33	60	-2	4.1	3.2	3.6	..	0	4	17	25	9	4	2	1	0	N 84° E	N 88° E	93	0		
-487	-486	-386	-448	+041	85	51	35	59	+5	3.3	2.9	3.1	..	0	2	13	26	11	2	2	0	0	E	S 69° E	108	+20		
-450	-467	-246	-376	-071	76	37	17	45	-5	1.4	2.3	1.9	..	2	1	13	26	14	4	1	1	0	S 84° E	S 86° E	152	+66		
-542	-600	-457	-553	-002	78	55	36	58	+3	5.5	6.9	6.2	..	5	3	5	13	10	4	4	11	5	S 58° E	S 27° W	85	+1		
-611	-665	-581	-633	+028	86	59	48	66	+3	5.8	6.9	6.4	..	1	3	3	4	1	2	6	22	20	N 70° W	S 81° W	111	+1		
-605	-605	-570	-600	-023	91	64	54	72	-3	8.5	8.6	8.5	..	0	0	0	0	0	0	0	18	37	5	S 80° W	S 72° W	195	+82	
-596	-577	-548	-574	-033	93	64	52	71	-6	9.2	8.6	8.9	..	0	0	0	0	0	0	0	11	48	8	S 85° W	S 72° W	200	+82	
-579	-568	-525	-561	-052	89	62	48	68	-11	9.1	8.7	8.9	..	0	0	0	0	0	0	0	7	41	14	N 85° W	S 81° W	161	+16	
-601	-613	-566	-605	-018	92	66	51	73	-7	7.8	8.0	7.9	..	5	9	5	4	2	0	9	25	12	N 82° W	S 84° W	101	-28		
-581	-600	-570	-601	-007	92	67	60	76	-2	6.6	7.6	7.1	..	4	2	11	9	1	1	6	16	12	N 42° W	N	85	+8		
-626	-586	-621	-541	+002	93	61	56	76	-2	5.9	6.7	5.4	..	0	3	27	24	3	1	0	1	1	N 66° E	N 60° E	80	-8		
-488	-488	-442	-486	+020	93	59	47	68	-2	4.5	3.9	4.2	..	3	3	18	29	5	1	1	1	1	N 75° E	N 72° E	133	+87		
-643	-588	-489	-583	-009	88	56	45	66	-2	5.9	6.1	6.0	..	20	21	112	160	56	19	67	202	58	..	..	125	+16

MONTHLY AND

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of barometer above sea-level in feet.	PRESSURE (REDUCED TO 32° F. AND STANDARD GRAVITY).						TEMPERATURE OF AIR.						TEMPERATURE OF WET BULB.					
			Mean 10 hrs.	Mean 16 hrs.	Mean daily range.	Mean of daily mean pressure.	Departure from normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean 19 hrs.	Mean of three previous columns.
1	2	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Trivandrum (Madras).	January	197	29.703	29.594	-109	29.652	-0.011	83.8	73.2	85.9	69.0	80.1	83.0	77.8	+0.7	70.4	73.6	75.2	73.1	
	February	..	-679	-566	-113	-625	-0.024	85.3	75.0	87.1	72.6	81.1	84.2	79.3	+0.7	72.8	73.8	76.1	74.1	
	March	..	-663	-546	-117	-609	-0.018	87.7	77.4	89.1	78.5	83.7	86.1	80.9	+0.6	73.3	74.9	77.8	75.2	
	April	..	-635	-531	-104	-587	+0.007	86.1	77.3	88.6	78.7	83.8	83.3	80.7	-1.2	74.5	78.4	77.7	76.9	
	May	..	-594	-506	-088	-555	-0.016	85.7	78.0	88.4	75.9	83.8	84.6	81.2	-0.1	76.5	78.8	79.8	78.2	
	June	..	-601	-530	-071	-570	-0.008	80.6	75.2	85.1	78.1	78.8	78.5	76.8	-1.6	73.6	75.9	75.7	76.1	
	July	..	-619	-536	-083	-584	-0.007	81.0	74.9	88.1	71.9	78.9	80.3	76.4	-0.8	73.4	75.6	76.0	75.0	
	August	..	-634	-543	-091	-596	-0.003	82.1	76.8	84.2	73.8	80.0	81.3	77.6	-0.2	73.4	75.5	76.2	75.0	
	September	..	-623	-521	-102	-578	-0.038	83.0	75.3	87.0	73.6	80.9	81.6	78.1	+0.1	75.4	75.7	76.2	75.8	
	October	..	-674	-566	-108	-625	+0.004	82.4	75.8	85.0	72.1	80.1	81.4	77.6	-0.1	73.3	75.9	76.5	74.4	
	November	..	-655	-550	-105	-608	-0.032	82.8	75.5	85.1	73.1	80.0	81.3	78.3	+0.6	73.8	76.7	77.2	75.9	
Madras (Madras).	December	..	-676	-569	-107	-627	-0.026	82.9	74.1	84.7	71.1	79.8	81.9	77.7	+0.3	71.3	74.2	75.6	73.7	
	Year	..	29.646	29.547	-100	29.601	-0.015	88.6	75.6	89.1	69.0	80.8	82.3	78.5	-0.1	73.4	75.7	76.6	75.2	
	January	22	29.926	29.824	-102	29.872	-0.054	84.0	68.6	86.6	63.7	79.8	81.0	75.5	+0.2	67.2	73.5	72.7	71.1	
	February	..	-916	-806	-110	-859	-0.087	84.9	69.7	86.9	64.3	81.2	81.7	76.4	-0.2	68.0	73.4	73.0	71.6	
	March	..	-878	-765	-113	-822	-0.013	89.4	72.0	93.2	65.2	85.6	85.7	79.1	-0.4	70.4	75.5	75.7	73.9	
	April	..	-820	-702	-118	-768	+0.013	92.8	77.5	94.3	73.8	89.0	87.6	84.2	+0.1	74.8	78.5	78.7	77.3	
	May	..	-695	-578	-117	-645	-0.018	99.8	81.8	108.1	74.8	94.3	91.2	80.7	+1.0	75.7	79.1	80.2	78.5	
	June	..	-653	-541	-112	-606	-0.023	100.0	81.1	105.3	74.8	92.0	91.5	89.4	+1.0	72.9	75.9	77.7	75.6	
	July	..	-664	-546	-118	-616	-0.082	98.7	79.8	108.7	74.1	89.8	91.9	87.7	+2.0	72.5	75.1	76.7	74.7	
	August	..	-703	-589	-117	-656	-0.020	94.2	77.7	99.9	74.1	87.0	88.8	84.9	+0.4	73.2	75.9	77.9	75.6	
	September	..	-746	-624	-121	-694	-0.013	92.3	77.8	100.7	72.8	86.7	86.7	84.0	+0.1	73.3	76.5	78.4	76.0	
	October	..	-821	-710	-111	-775	0	90.0	75.9	96.0	71.9	85.4	85.3	81.7	+0.9	72.9	77.6	77.7	76.0	
	November	..	-875	-770	-105	-825	-0.081	84.8	72.9	87.6	69.3	81.0	80.7	77.8	-0.1	71.9	75.3	74.9	73.7	
	December	..	-919	-822	-097	-875	-0.035	88.9	70.9	85.4	68.6	80.8	80.2	76.6	+0.9	69.1	74.6	78.4	73.6	
	Year	..	29.801	29.630	-112	29.751	-0.022	91.2	75.6	108.1	68.6	86.1	86.0	82.3	+0.5	71.7	75.9	76.4	74.7	

ANNUAL TABLE D-1—contd.

at 13 stations in India, etc., in 1929.

VAPOUR TENSION IN INCHES OF MERCURY.					HUMIDITY.					CLOUD.					WIND DIRECTION.												WIND VELO-CITY.	
From minimum.	Mean 10 hrs.	Mean 10 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 10 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 10 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	Total number of 10 hrs. and 16 hrs. winds from												Mean velocity in miles per diem.	Departure from normal.
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	N.	NE.	E.	SE.	S.	SW.	W.	NW.	44	45	46	47		
-707	-741	-761	-737	+071	86	72	68	79	+5	2·9	2·6	2·7	-0·3	9	6	2	0	1	3	32	7	2	S 50° W	S 84° W	91	+21		
-765	-738	-791	-761	+076	87	70	68	78	+5	3·3	5·2	4·3	+1·7	8	3	2	0	0	1	30	9	3	S 63° W	S 81° W	87	+6		
-783	-756	-819	-779	+004	81	66	67	75	-1	4·4	6·5	5·4	+2·4	1	3	1	4	2	3	27	19	2	S 61° W	N 87° W	101	+5		
-816	-870	-873	-858	+025	86	77	77	83	+4	7·1	9·2	8·1	+3·3	11	5	3	1	4	5	6	14	11	N 82° W	N 69° W	101	-2		
-878	-915	-919	-907	+084	89	79	78	85	+2	8·0	8·2	8·1	+2·0	4	4	1	0	0	0	7	31	15	N 78° W	N 68° W	126	+3		
-804	-869	-852	-842	+032	92	88	88	92	+6	9·2	9·7	9·5	+1·6	2	12	0	0	0	0	0	1	21	24	N 54° W	N 60° W	(c) 183	+10	
-800	-842	-843	-828	+033	92	86	82	90	+8	8·8	8·9	8·6	+0·4	1	6	0	0	0	0	0	2	27	26	N 63° W	N 60° W	172	+14	
-795	-821	-832	-816	+031	91	80	78	86	0	7·6	8·3	8·0	+1·1	0	9	0	0	0	0	0	41	12	N 70° W	N 60° W	196	+37		
-784	-815	-827	-808	+027	89	78	77	84	0	6·5	6·8	6·6	+0·1	9	12	0	0	2	1	4	22	10	N 62° W	N 68° W	157	+15		
-791	-805	-845	-814	+028	90	81	79	88	+3	6·3	7·4	6·9	0	12	6	0	0	0	0	8	28	8	N 81° W	N 69° W	118	+30		
-811	-871	-879	-853	+072	92	86	83	90	+6	7·6	8·8	8·2	+2·5	24	0	1	3	3	3	16	7	3	S 47° W	N 81° W	54	-7		
-731	-771	-794	-765	+057	87	77	74	83	+5	6·0	6·5	6·2	+1·9	34	2	0	0	2	1	15	8	6	S 57° W	N 81° W	63	-3		
-786	-818	-836	-814	+044	89	78	77	84	+3	6·4	7·3	6·9	+1·4	115	68	10	8	14	17	148	234	116	..	..	117	+11
-648	-740	-692	-711	+026	92	73	68	80	+1	4·8	3·4	4·1	0	7	8	5	13	13	4	1	2	9	N 14° E	N 51° E	91	-9		
-661	-716	-695	-714	-001	91	67	65	77	-1	4·0	3·3	3·6	+0·4	2	1	7	16	18	4	2	1	5	S 73° E	S 84° E	74	-14		
-725	-746	-754	-766	-036	92	61	61	75	-3	3·0	1·4	2·2	0	1	2	4	17	12	14	12	0	0	S 37° E	S 44° E	83	-26		
-823	-830	-850	-859	-041	87	61	66	74	-4	4·5	4·2	4·3	+0·8	0	0	0	5	14	31	10	0	0	S 9° E	S 36° E	105	-23		
-807	-785	-679	-837	-059	75	49	60	63	-7	4·1	4·2	4·1	+0·4	0	1	0	2	16	23	10	9	1	S 5° W	S 9° E	142	-17		
-697	-675	-760	-728	-105	66	45	53	57	-9	6·3	8·5	7·4	+1·2	0	0	1	2	7	18	20	11	1	S 27° W	S 37° W	159	+5		
-698	-669	-712	-708	-104	69	48	49	56	-12	6·5	8·4	7·4	+0·1	1	1	2	0	10	15	22	10	1	S 27° W	S 51° W	141	+2		
-755	-743	-812	-781	-055	80	59	61	68	-5	7·0	8·4	7·7	+0·8	2	0	0	1	8	14	14	15	8	S 45° W	S 36° W	120	-1		
-757	-773	-858	-805	-048	80	63	68	72	-5	6·0	6·4	6·2	-0·1	7	0	0	2	7	15	13	11	5	S 32° W	S 36° W	99	-6		
-769	-838	-845	-832	-024	86	59	70	77	-6	6·6	7·2	6·9	+0·8	7	4	4	3	4	6	15	11	8	S 70° W	N 54° E	86	+2		
-728	-800	-789	-793	-003	90	76	76	84	0	7·8	7·0	7·2	+1·8	2	24	5	2	1	1	0	0	25	N 15° W	N 27° E	122	+8		
-681	-773	-782	-851	+022	91	73	72	81	-1	5·7	5·7	5·7	+0·2	3	18	20	18	2	1	0	0	5	N 87° E	N 4° E	102	-26		
-730	-757	-782	-774	-085	83	62	64	72	-4	5·6	5·7	5·6	+0·6	32	59	48	76	112	146	119	70	68	..	..	110	-9

(c) Mean of 20 days.

MONTHLY AND

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of barometer above sea-level in feet.	PRESSURE (REDUCED TO 32° F. AND STANDARD GRAVITY.)						TEMPERATURE OF AIR.						TEMPERATURE WET BULB.						VAPOUR INCHES OF					
			Mean 10 hrs.	Mean 16 hrs.	Mean daily range.	Mean of daily mean pressure.	Departure from Normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from Normal.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three pre- vious columns.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean 10 hrs.	Mean 16 hrs.	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Medakanal (Madras).	January	7,688	22.818	22.751	-0.067	22.783	...	62.7	46.0	66.9	41.8	58.4	57.7	58.5	...	41.8	50.5	52.7	47.9	223	292	347				
	February	...	-818	.746	-0.072	779	...	64.4	48.0	67.7	45.2	60.1	59.2	55.5	...	44.2	51.0	52.6	49.8	258	284	320				
	March	...	-824	.759	-0.065	787	...	68.4	48.6	72.8	48.4	64.0	62.6	57.7	...	42.6	51.2	54.2	49.8	214	248	333				
	April	...	-817	.741	-0.076	776	...	67.4	52.4	74.1	49.7	68.4	61.8	58.8	...	48.0	56.4	57.6	54.8	311	382	436				
	May	...	-790	.724	-0.075	762	...	70.2	56.2	72.7	51.4	67.6	64.1	61.8	...	51.4	58.2	59.0	56.0	344	380	442				
	June	...	-736	.677	-0.059	706	...	64.2	53.4	69.1	51.8	61.2	59.4	57.7	...	50.5	56.6	56.3	54.2	386	408	422				
	July	...	-726	.672	-0.054	697	...	68.1	52.8	68.8	50.4	59.6	58.8	56.4	...	48.0	55.1	55.1	52.7	312	384	400				
	August	...	-751	.691	-0.060	724	...	63.3	52.1	66.9	49.7	59.7	58.2	56.8	...	49.1	55.3	55.8	53.2	319	392	420				
	September	...	-766	.698	-0.073	732	...	65.2	52.8	70.6	49.8	61.2	60.0	57.4	...	49.5	56.4	56.9	54.0	326	406	431				
	October	...	-801	.726	-0.075	765	...	63.3	51.8	67.8	49.1	60.8	58.3	56.8	...	49.8	56.0	56.3	53.7	327	403	435				
	November	...	-799	.725	-0.074	763	...	61.8	50.8	66.3	47.8	58.5	57.3	55.2	...	47.9	54.7	55.1	52.7	315	390	404				
	December	...	-803	.732	-0.071	769	...	61.0	47.8	66.9	42.2	57.8	56.1	53.4	...	48.1	51.1	52.9	49.0	238	308	368				
	Year	...	22.788	22.720	-0.068	22.754	...	64.6	50.9	74.1	41.8	61.0	59.4	56.7	...	47.8	54.4	55.4	52.2	294	357	397				
Katmandu (Nepal).	January	4,388	25.683	25.616	-0.067	25.644	+0.002	64.1	36.5	69.8	30.1	47.7	61.0	49.6	0	(m)	37.6	44.1	51.0	44.2	(m)	207	251	260		
	February	...	-663	.599	-0.064	628	+0.025	68.1	38.1	78.2	32.3	52.7	65.3	52.0	+0.4	(h)	37.1	47.6	54.1	46.3	(h)	201	275	296		
	March	...	-667	.609	-0.058	635	+0.060	78.1	47.9	89.8	38.1	65.7	78.8	63.8	+2.5	45.6	57.2	60.0	54.2	276	374	380				
	April	...	-616	.550	-0.066	581	+0.077	84.5	55.4	92.2	47.8	78.1	79.9	70.5	+3.4	52.7	62.4	64.2	59.8	360	442	421				
	May	...	-535	.476	-0.059	502	+0.054	88.7	60.6	94.2	56.5	78.6	85.6	74.6	+4.0	57.9	66.8	67.8	64.0	449	508	475				
	June	...	-461	.405	-0.056	429	+0.071	84.0	66.8	91.2	62.5	75.5	80.5	74.6	+0.7	64.8	69.8	72.1	68.7	586	648	688				
	July	...	-427	.368	-0.059	596	+0.051	84.9	68.7	89.2	65.1	78.3	79.8	76.4	+1.8	66.7	72.1	73.2	70.7	527	712	740				
	August	...	-430	.431	-0.059	458	+0.066	84.2	67.9	89.6	65.9	77.7	79.9	75.6	+1.1	66.1	71.5	72.9	70.2	617	703	737				
	September	...	-587	.519	-0.068	550	+0.072	84.7	64.8	89.2	59.1	76.2	80.1	74.1	+0.9	62.4	69.0	71.2	67.5	548	628	660				
	October	...	-650	.579	-0.071	612	+0.020	80.1	57.9	85.6	49.1	68.7	75.8	69.0	+2.1	60.0	63.0	66.1	61.7	432	512	586				
	November	...	-694	.620	-0.074	684	+0.021	72.4	47.7	76.6	38.9	58.9	67.5	59.6	+1.8	45.8	54.5	58.9	58.1	288	375	398				
	December	...	-684	.612	-0.072	645	+0.020	62.7	41.5	68.6	32.5	50.2	58.6	51.9	-1.4	40.3	47.0	52.5	46.6	231	289	327				
	Year	...	25.596	25.532	-0.064	25.501	+0.041	78.0	54.4	94.2	80.1	66.9	73.9	66.0	+1.4	52.7	60.8	68.7	58.9	402	476	491				

(A) Mean of 24 days.

(C) Mean of 29 days.

(M) Mean of 19 days.

ANNUAL TABLE D-1—contd.

at 13 stations in India, etc., in 1929.

PRESSURE IN MM. OF MERCURY.		HUMIDITY.						CLOUD.				WIND DIRECTION.												WIND VELOCITY.		RAINFALL.		RAINY DAYS.
Mean of daily mean.	Departure from normal.	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
-278	..	67	62	78	67	..	3·7	5·8	4·8	..	1	11	7	7	18	5	0	3	10	N 70° E	..	151	..	..	..	..	..
-284	..	76	57	68	66	..	3·7	5·9	4·8	..	2	14	11	3	16	2	0	2	6	N 51° E	..	162	..	..	..	..	..
-287	..	62	41	59	56	..	2·8	5·9	4·4	..	0	26	19	6	8	1	0	0	2	N 34° E	..	164	..	..	..	..	..
-374	..	79	66	81	76	..	5·9	8·8	7·3	..	3	11	11	12	14	3	0	1	5	N 69° E	..	152	..	..	..	..	..
-886	..	77	59	75	70	..	5·2	7·7	6·6	..	0	10	19	11	11	1	0	2	8	N 50° E	..	139	..	..	..	..	..
-883	..	83	76	84	81	..	8·0	9·0	8·5	..	0	7	1	1	1	1	3	33	13	N 73° W	..	209	..	..	..	..	..
-859	..	80	75	83	79	..	7·6	8·7	8·2	..	3	0	0	0	0	0	4	26	29	N 70° W	..	211	..	..	..	..	..
-371	..	82	77	87	83	..	8·0	9·7	8·9	..	9	3	1	1	2	0	2	19	25	N 62° W	..	148	..	..	..	..	..
-983	..	83	76	88	81	..	6·4	9·1	7·7	..	8	10	1	5	8	5	3	10	14	N 58° W	..	148	..	..	..	..	..
-886	..	88	78	89	86	..	7·1	8·9	8·0	..	4	9	9	5	1	3	0	13	N 4° W	..	138	..	..	..	..	..
-872	..	85	81	88	85	..	6·9	8·3	7·6	..	1	11	9	5	15	0	5	6	9	N 36° E	..	155	..	..	..	..	..
-303	..	72	66	83	74	..	5·2	7·8	6·5	..	2	9	7	9	20	1	0	1	13	N 66° E	..	182	..	..	..	..	..
-845	..	78	68	79	75	..	5·9	8·0	6·9	..	33	121	95	69	113	20	20	112	147	..	..	163	..	..	..	..	..
-247	(m)	83	76	50	74	-3	8·0	8·9	8·5	+0·1	0	14	0	10	0	7	3	23	5	N 66° W	N 78° W	17	+2	1·82	+0·83	2		
-267	+007	84	69	48	70	+1	3·5	3·9	3·7	+0·2	0	13	9	8	3	6	1	21	6	N 61° W	N 87° W	21	0	0·84	-0·52	1		
-855	+034	84	60	47	64	+3	3·1	4·5	3·8	+0·5	0	10	8	10	1	6	4	21	7	N 65° W	N 82° W	24	+1	1·03	-0·06	4		
-404	+044	84	55	43	60	+2	3·2	5·0	4·4	+0·4	0	4	7	7	4	5	3	24	6	N 79° W	N 87° W	24	-2	2·92	+0·98	7		
-471	-019	86	58	40	60	-8	2·8	4·5	3·4	-1·8	0	28	8	10	4	0	1	29	7	N 58° W	S 89° W	25	-6	3·54	-0·47	9		
-638	-002	90	73	67	77	+1	7·5	7·2	7·4	+1·2	0	12	1	20	5	3	3	10	6	N 43° E	N 87° W	18	-5	8·82	-0·90	22		
-690	+006	90	74	74	79	-2	8·0	8·3	8·2	+1·4	0	28	12	7	4	8	7	9	3	N 4° E	S 62° W	14	-1	21·10	+6·28	24		
-686	+008	91	74	75	81	-1	7·9	8·3	8·8	+1·0	0	18	3	16	7	2	13	2	N 12° E	N 66° W	16	+8	15·11	+0·45	23			
-613	-020	90	70	65	77	-4	5·9	6·1	6·0	-0·8	0	17	2	0	11	3	4	20	4	N 45° W	N 87° W	12	0	4·26	-8·10	7		
-491	+016	89	78	61	76	0	5·0	5·4	4·5	+1·2	0	12	18	18	4	3	4	13	5	N 16° E	S 86° W	10	-2	2·89	+0·60	18		
-354	+018	87	75	59	78	+3	8·7	4·5	3·4	+1·5	0	12	18	9	12	4	3	15	13	N 41° W	N 81° W	10	0	0·02	-0·18	0		
-287	+019	(x)	87	80	65	-5	5·3	4·7	4·5	+0·5	+2·4	0	11	24	13	4	13	2	19	14	N 11° W	N 72° W	13	-3	1·82	+1·01	8	
-458	+009	87	69	58	78	0	14·0	5·8	4·5	+0·7	0	105	37	131	29	54	-37	201	76	20	..	..	47	-1	0·25	+4·47	111

(b) Mean of 80 days.

MONTHLY AND

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of barometer above sea-level in feet.	PRESSURE (REDUCED TO 32° F. AND STANDARD GRAVITY.)						TEMPERATURE OF AIR.						TEMPERATURE WET BULB.						VAPOUR INCHES OF			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Seychelles (Indian Ocean).	January .	15	29.884	29.802	-0.82	29.854	+0.03	28.3	74.2	85.9	72.6	81.0	81.0	77.6	-0.9	70.8	76.8	76.8	74.5	-70.5	-84.5	-85.0		
	February .		-868	-779	-0.89	-832	-0.20	84.1	74.7	87.1	72.0	82.1	81.8	78.8	-0.8	72.2	76.3	76.5	75.0	-75.8	-83.1	-84.1		
	March .		-865	-772	-0.93	-823	-0.05	85.4	75.5	88.0	72.4	86.4	83.1	79.5	+0.6	73.8	77.2	77.2	76.1	-80.7	-85.3	-85.9		
	April .		-874	-783	-0.91	-831	+0.02	87.2	74.7	88.7	72.3	84.9	84.6	79.6	+0.2	73.7	77.9	77.7	76.4	-81.6	-86.1	-86.0		
	May .		-884	-800	-0.84	-843	-0.21	84.8	75.7	87.3	71.1	83.0	82.7	78.8	-0.7	73.3	76.6	76.8	75.6	-78.6	-88.5	-84.4		
	June .		-924	-849	-0.75	-888	+0.18	82.1	75.0	85.8	72.0	80.8	81.1	77.5	-0.1	71.7	75.0	75.1	73.9	-73.2	-80.0	-79.4		
	July .		-930	-859	-0.71	-895	-0.21	80.6	78.2	82.9	70.7	78.5	79.4	75.6	-0.8	70.7	74.2	74.1	73.0	-72.0	-79.0	-77.7		
	August .		-936	-862	-0.84	-897	+0.01	89.6	78.3	82.3	69.7	78.9	79.4	75.4	-1.2	70.8	73.9	74.4	73.0	-72.1	-77.1	-78.6		
	September .		-934	-841	-0.93	-898	-0.07	81.8	74.4	88.4	71.3	80.1	80.3	76.8	-0.9	71.5	74.6	74.9	73.7	-73.0	-78.3	-79.8		
	October .		-917	-823	-0.94	-881	+0.03	88.2	79.6	84.9	69.7	81.1	81.0	77.1	-0.6	72.5	76.3	76.5	75.1	-78.5	-84.2	-85.4		
	November .		-871	-782	-0.89	-889	-0.26	84.1	73.3	85.6	70.7	82.2	82.1	77.3	-0.3	71.9	76.4	76.8	74.9	-76.6	-83.6	-82.8		
	December .		-854	-769	-0.85	-822	-0.37	84.5	73.9	86.9	70.7	82.3	82.1	78.1	+0.2	73.2	77.8	76.9	75.8	-81.0	-86.9	-85.9		
Peshawar (N.W. T. P.).	Year .		29.895	29.809	-0.86	29.858	-0.09	88.5	74.3	85.7	71.3	81.5	81.5	77.6	-0.5	72.2	76.0	76.1	74.7	-76.2	-82.6	-82.9		
	January .	1,164	28.880	28.797	-0.92	28.834	-0.31	62.9	39.2	72.9	32.2	63.6	60.5	49.2	-0.5	..	46.5	50.0	..	..	-22.6	-22.7		
	February .		-884	-798	-0.86	-832	+0.14	64.9	42.9	78.9	30.5	56.9	62.9	52.8	-0.8	..	48.6	51.2	..	..	-23.6	-22.7		
	March .		-767	-662	-1.05	-709	-0.18	84.1	53.8	92.2	48.0	74.4	80.6	68.3	+5.0	..	59.9	62.6	..	..	-32.6	-33.0		
	April .		-659	-545	-1.14	-602	-0.08	92.4	63.3	101.5	54.4	68.6	68.9	77.8	+4.8	..	65.9	67.4	..	..	-40.8	-38.7		
	May .		-491	-384	-1.07	-437	-0.24	102.8	73.5	115.5	64.5	94.8	99.7	87.9	+3.9	..	66.2	67.6	..	..	-37.0	-25.0		
	June .		-300	-190	-1.10	-245	-0.57	107.5	79.5	116.3	70.7	98.4	105.4	98.5	+2.8	..	70.1	71.6	..	..	-35.7	-32.0		
	July .		-308	-197	.111	-258	-0.19	100.1	79.4	118.5	71.6	90.6	97.5	89.8	-0.5	..	74.4	76.1	..	..	-63.4	-61.7		
	August .		-402	-303	-0.99	-858	+0.11	95.1	77.3	105.0	68.6	86.7	92.4	86.2	-1.4	..	76.5	77.7	..	..	-77.5	-75.5		
	September .		-567	-450	-1.17	-609	+0.10	97.5	74.0	101.5	68.8	89.1	95.8	85.8	+8.7	..	73.5	75.1	..	..	-61.7	-60.5		
	October .		-738	-687	-1.01	-687	-0.08	87.8	60.0	97.7	54.1	77.9	84.1	78.7	+2.8	..	61.9	64.4	..	..	-34.6	-34.4		
	November .		-849	-748	-1.01	-790	-0.16	80.2	47.8	86.5	39.8	68.2	77.1	64.0	+4.9	..	51.6	56.9	..	..	-16.6	-19.7		
	December .		-902	-816	-0.86	-859	-0.23	62.1	40.2	79.1	31.9	58.6	59.0	51.1	0	..	44.8	47.4	..	..	-17.5	-18.0		
	Year .		28.646	28.544	-1.02	28.593	-0.14	86.4	60.9	118.8	30.5	77.8	83.6	73.8	+1.9	..	61.6	64.0	..	..	-87.8	-97.0		

ANNUAL TABLE D-1—contd.

at 13 stations in India, etc., in 1929.

TENSION IN MERCURY.		HUMIDITY.					CLOUD.					WIND DIRECTION.												WIND VELOCITY.		RAINFALL.		RAINY DAYS.													
Mean ²⁴ of daily means.	from normal.	Departure from minimum.	25	26	Mean 10 hrs.	27	28	Mean 16 hrs.	29	30	Departure from normal.	31	32	Mean 10 hrs.	33	Mean of two previous columns.	34	Departure from normal.	Total number of 10 hrs. and 16 hrs. winds from												44	Normal mean wind direction.	45	Mean velocity in miles per diem.	46	Departure from normal.	47	48	Departure from normal.	49	Actual.
24	25	26	27	28	29	30	31	32	33	34	35	Calm.	36	N.	NE.	E.	SE.	S.	SW.	W.	NW.	41	42	43	44	45	46	47	48	49	50										
-819	-014	84	80	80	84	0	6.2	7.2	6.7	-0.3	14	7	8	4	1	0	1	6	21	N 23° W	N 39° W	115	+8	12.82	-4.27	14															
-833	-009	88	76	78	84	+1	6.3	6.7	6.5	0	6	8	9	3	1	1	0	8	20	N 25° W	N 21° W	114	+7	13.01	+0.41	11															
-867	+0.06	92	74	76	85	+2	6.5	6.7	6.6	-0.1	9	11	9	6	2	1	0	2	23	N 8° W	N 17° W	119	+33	14.75	+4.84	15															
-871	+0.08	95	72	72	83	+3	5.1	6.0	5.6	+0.5	16	3	7	15	12	2	0	2	31	S 88° E	N 8° E	84	+2	5.66	-1.69	8															
-835	-011	89	78	75	81	+1	5.3	4.5	4.9	-0.2	3	0	0	13	21	15	5	0	4	S 36° E	S 43° E	175	+55	8.76	-2.31	6															
-791	+0.10	85	77	74	81	+2	5.7	5.3	5.6	-1.6	0	0	0	20	34	4	2	0	0	S 55° E	S 27° E	304	+116	0.67	-4.18	2															
-777	+0.26	88	81	77	83	+5	6.0	5.5	5.8	+0.2	0	0	1	21	31	6	2	0	0	S 56° E	S 33° E	315	+104	1.6	-1.05	6															
-767	+0.20	88	78	78	82	+4	6.7	6.6	6.6	+0.2	0	0	0	17	35	7	1	0	0	(x)	S 52° E	S 35° E	290	+69	1.79	-0.77	5														
-777	+0.10	86	76	77	82	+2	5.9	5.8	5.8	+0.2	0	0	0	16	27	18	2	1	1	S 44° E	S 40° E	291	+81	144	-3.42	4															
-840	+0.46	94	79	80	86	+5	6.3	6.8	6.6	+0.4	10	1	6	19	15	6	0	3	2	S 71° E	S 89° E	158	+19	5.24	+0.46	12															
-835	-001	93	76	75	84	+1	5.1	4.8	4.9	-2.0	10	1	8	13	7	4	2	3	13	N 58° E	S 56° E	116	+23	5.17	-5.24	6															
-871	+0.89	97	79	78	87	+4	6.0	6.1	6.0	-0.8	14	2	9	10	7	0	0	2	18	N 22° E	N 44° W	101	-8	10.94	-3.50	12															
-824	+0.12	90	77	77	83	+2	5.9	6.0	6.0	-0.2	81	33	57	156	193	59	15	27	105	..	..	182	+42	70.61	-20.67	101													
..	..	..	57	45	..	..	5.4	5.7	5.5	+0.8	32	3	2	4	7	7	2	0	5	S 45° E	S 7° W	47	+3	..	..	..												
..	..	..	51	41	..	..	6.4	7.3	6.9	+2.6	16	10	1	4	7	7	3	1	7	N 45° E	N 12° W	47	-9	..	..	..												
..	..	..	39	33	..	..	4.3	5.9	5.1	+0.2	20	8	9	6	9	8	2	0	5	N 62° E	N 12° E	54	-9	..	..	..												
..	..	..	36	29	..	..	4.3	6.6	5.4	+1.0	23	8	11	9	3	1	0	2	3	N 45° E	N 9° E	47	-23	..	..	..												
..	..	..	17	14	..	..	2.9	5.7	4.8	+1.2	8	11	18	10	3	0	0	3	11	N 24° E	N 16° E	68	-12	..	..	..												
..	..	..	21	15	..	..	1.9	3.8	2.6	+0.3	6	10	18	14	3	3	2	1	3	N 58° E	N 36° E	68	-19	..	..	..												
..	..	..	46	37	..	..	5.7	6.0	5.9	+3.0	15	8	22	6	1	3	2	1	4	N 30° E	N 48° E	56	-16	..	..	..												
..	..	..	63	52	..	..	5.1	6.9	6.0	+3.1	17	12	18	14	0	1	3	1	1	N 46° E	N 39° E	41	-22	..	..	..												
..	..	..	45	36	..	..	0.6	2.9	1.7	0	11	16	14	16	2	0	0	1	0	N 47° E	N 36° E	21	-18	..	..	..												
..	..	..	36	29	..	..	2.7	3.5	3.1	+1.6	31	10	9	7	0	3	1	0	1	N 42° E	N 54° E	30	-10	..	..	..												
..	..	..	25	22	..	..	3.4	2.9	3.2	+0.9	50	3	2	3	1	0	0	1	0	N 49° E	N 72° E	26	-9	..	..	..												
..	..	..	43	38	..	..	6.4	6.0	6.2	+2.5	40	2	3	4	4	1	7	0	1	S 41° E	S	38	-12	..	..	..												
..	..	..	40	33	..	..	4.1	5.2	4.7	..	269	101	120	97	40	29	22	11	41	..	..	44	-18	..	..	..												

(x) 2 winds variable.

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of barometer above sea-level in feet.	PRESSURE (REDUCED TO 32° F. AND STANDARD GRAVITY.)							TEMPERATURE OF AIR.							TEMPERATURE WET BULB.					ATmospheric VAPOUR INCHES OF WATER																				
			1	2	3	4	Mean 10 hrs.	5	Mean 16 hrs.	6	Mean daily range.	7	Mean of daily mean pressure.	8	Departure from Normal.	9	Highest maximum.	10	Lowest minimum.	11	Mean 10 hrs.	12	Mean 16 hrs.	13	Mean daily range.	14	Mean of daily mean.	15	Departure from Normal.	16	Mean 10 hrs.	17	Mean of three previous columns.	18	Mean 16 hrs.	19	Mean of three previous columns.	20	Mean 10 hrs.	21	Mean of three previous columns.	22
Quetta (Baluchistan).	January	5,455	24.756	24.683	-0.73	24.709	+0.038	51.7	26.7	69.8	10.5	42.2	48.6	38.6	-1.1	..	(k)	37.2	(f)	39.7	..	..	(k)	109	(f)	99.8	..	..	..	..	..	..	..	..	..	..
	February	5,725	24.655	-0.70	-0.683	+0.028	53.9	34.4	73.0	14.5	45.4	50.5	44.0	+1.8	..	(h)	40.5	(e)	41.8	..	..	(h)	179	(e)	161	..	..	..	..	..	..	..	..	..	..	..
	March	5,747	24.658	-0.69	-0.696	+0.061	74.4	42.6	83.2	29.9	65.7	72.1	58.8	+6.2	..	47.4	49.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	April	5,692	24.608	-0.84	-0.650	+0.048	80.0	49.9	86.1	39.2	73.0	76.8	64.0	+4.0	..	52.2	52.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	May	5,638	24.562	-0.71	-0.697	+0.035	86.7	55.3	96.7	44.9	80.5	84.4	71.1	+3.1	..	53.6	54.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	June	5,495	24.430	-0.65	-0.483	+0.018	95.1	61.8	100.8	53.6	87.5	93.3	78.5	+4.4	..	56.6	57.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	July	5,439	24.369	-0.70	-0.404	+0.005	98.5	68.1	99.5	59.5	85.6	89.9	80.8	+2.6	..	60.6	60.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	August	5,523	24.446	-0.77	-0.485	+0.032	91.1	62.1	96.2	48.6	82.8	89.0	76.6	+1.3	..	55.4	56.5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	September	5,678	24.596	-0.82	-0.687	+0.070	89.4	52.9	93.8	44.3	79.7	87.7	71.1	+4.0	..	54.8	55.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	October	5,729	24.707	-0.72	-0.743	+0.046	74.9	48.1	87.1	34.2	66.5	72.2	59.0	+2.6	..	47.4	48.7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	November	5,834	24.750	-0.84	-0.792	+0.055	65.1	32.7	71.0	22.2	55.3	62.4	48.9	+0.9	..	40.9	44.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	December*	5,755	--	--	--	--	--	--	--	--	--	--	--	--	--	(g)	39.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
	Year or 11 months	24.671	24.588	-0.76	24.624	+0.028	77.8	48.1	100.8	10.5	66.7	75.1	62.9	+4.2	..	48.8	50.9					

*Observations at 16 hrs. are discontinued since December.

(e) Mean of 27 days.

(f) Mean of 26 days.

(h) Mean of 24 days.

(i) Mean of 21 days.

(g) Mean of 15 days.

ANNUAL TABLE D-1—*concl.*

at 13 stations in India, etc., in 1929.

TENSION IN MERCURY.		HUMIDITY.				CLOUD.				WIND DIRECTION.												WIND VELOCITY.		
Mean of daily means. 24	Departure from normal. 25	26	From minimum. 27	Mean 10 hrs. 28	Mean 16 hrs. 29	Mean of daily means. 30	Departure from normal. 31	Mean 10 hrs. 32	Mean 16 hrs. 33	Mean of two previous columns from normal. 34	Calm. 35	N. 36	NE. 37	E. 38	SE. 39	S. 40	SW. 41	W. 42	NW. 43	Mean wind direction. 44	Normal mean wind direction. 45	Mean velocity in miles per hour. 46	Departure from normal. 47	
..	(k) 33	(f) 25	..	..	..	3.8	4.7	4.0	-0.1	17	7	2	0	0	8	3	6	24	N 49° W	N 84° W	91	+40
..	(h) 56	(e) 46	..	..	..	5.5	7.1	6.8	+2.1	20	2	3	1	2	10	3	4	11	S 80° W	N 84° W	96	+36
..	19	12	..	..	..	3.0	4.8	3.9	-0.2	18	7	0	0	1	18	6	7	15	S 89° W	S 78° W	101	+31
..	19	15	..	..	..	3.1	6.2	4.6	+1.3	8	8	1	0	3	10	7	9	14	N 86° W	N 78° W	117	+56
..	13	10	..	..	..	2.6	4.2	3.4	+1.5	4	9	1	1	1	1	1	10	34	N 44° W	N 69° W	125	+67
..	10	6	..	..	..	0.1	1.0	0.5	-0.6	9	3	1	0	1	1	0	13	32	N 55° W	N 72° W	125	+72
..	24	19	..	..	..	3.5	4.0	3.7	+2.0	8	4	1	1	0	8	6	12	22	N 75° W	S 84° W	128	+65
..	14	9	..	..	..	2.5	2.7	2.6	+1.1	15	4	0	1	0	8	0	18	21	N 64° W	N 78° W	82	+36
..	17	7	..	..	..	0	1.2	0.	+0.1	29	2	0	0	0	2	1	9	17	N 62° W	N 60° W	68	+6
..	18	10	..	..	..	0.8	1.4	1.1	+0.5	7	7	1	0	1	0	1	21	24	N 58° W	N 60° W	90	+56
..	21	14	..	..	..	2.4	2.7	2.5	+0.8	20	5	1	0	0	0	2	14	18	N 58° W	N 51° W	70	+36
..	(j) 61	..	..	..	..	5.8	..	..	..	7	3	1	0	3	8	1	4	4	S 51° W	N 63° W	..	~
..	25	18	..	..	..	2.7	3.6	3.0	+0.7	157	61	12	4	12	59	81	127	236	..	..	97	+45

(a) 10 hrs. wind observations only.

**Table D-2.—Abstract of observations taken at 4 and 14 hrs. (G. M. T.)
at 16 Stations in Persia, and the adjoining areas, in the year 1929.**

MONTHLY AN

Abstract of observations taken at 4 and 14 hrs. (G. M. T.)

STATION.	MONTH.	Height of bar- ometer above sea-level in feet.	PRESSURE. (RE- DUCED TO 32° F. AND STANDARD GRAVITY).		TEMPERATURE OF AIR.									TEMPERATURE WET BULB.		VAPOUR-TENSION IN INCHES OF MERCURY.	
			Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean maximum.	Mean minimum.	Highest maximum.	Date.	Lowest minimum.	Date.	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Bahrain*	January	..	30.066	29.010	70.0	60.0	80.6	11th	49.0	30th	62.4	67.1	59.2	61.8	-469	-471	
	February	..	29.971	29.915	71.2	59.8	86.0	24th	50.0	4th	63.0	67.5	59.3	61.4	-462	-471	
	March	..	..	.942	.895	76.0	63.7	95.3	31st	55.2	8th	67.1	71.8	61.6	63.1	-482	-461
	April	..	..	.847	.795	87.3	70.3	105.4	2nd	58.8	7th	75.4	80.3	69.1	73.1	-636	-721
	May	..	..	.724	.672	95.4	(h) 75.1	105.8	25th	68.7	4th	84.3	90.1	77.5	79.2	-859	-881
	June	..	..	.560	.529	94.2	*82.1	100.0	8th	77.4	29th	86.6	90.4	79.7	81.7	-932	-981
	July	..	..	.449	.409	98.0	84.0	104.4	11th	74.7	1st	89.2	93.6	82.2	83.6	1.056	1.027
	August	..	..	.517	.479	100.2	82.7	106.5	8th	78.4	31st	90.0	95.2	82.0	82.2	-995	-927
	September	..	..	.721	.669	96.0	79.5	104.5	3rd	72.7	15th	86.8	91.0	79.6	80.5	-923	-905
	October	..	..	.896	.858	90.6	76.6	100.9	20th	69.0	31st	83.1	86.2	76.2	76.7	-793	-804
	November	..	..	30.024	.970	81.1	67.3	88.6	16th	61.6	13th	72.2	75.9	65.6	67.4	-682	-668
	December	..	..	.057	30.016	71.2	61.0	82.8	2nd	52.6	22nd	64.0	66.7	61.6	62.8	-525	-525
	Year	..	..	29.815	29.768	85.9	77.0	106.5	8th Aug.	49.0	30th Jan.	76.9	81.2	71.2	72.7	-726	-737
Bushire	January	..	14	30.088	29.041	65.7	54.3	74.3	9th and 10th	44.8	30th	57.9	64.0	55.2	59.6	-406	-456
	February	..	..	29.985	29.948	67.7	58.0	78.1	18th	47.0	3rd	57.7	64.2	55.8	61.3	-427	-513
	March	..	..	.967	.912	72.9	58.8	92.0	31st	51.0	1st and 25th	63.5	70.3	57.8	63.1	-413	-484
	April	..	..	.841	.810	81.6	68.7	95.0	8th	60.0	6th	72.8	78.5	65.6	69.8	-532	-614
	May	..	..	.733	.690	89.4	77.0	100.1	81st	67.0	1st	83.3	87.8	76.4	80.1	-819	-944
	June	..	..	.556	.501	88.7	80.5	95.7	80th	74.8	21st	83.1	87.4	77.7	80.7	-878	-954
	July	..	..	.444	.397	93.2	84.4	101.9	15th	77.2	11th	87.4	90.9	82.7	85.9	1.051	1.164
	August	..	..	.525	.480	96.5	88.3	100.9	18th	79.0	26th	89.5	94.1	82.6	86.7	1.027	1.178
	September	..	..	.734	.686	93.5	81.6	98.7	7th	74.4	14th	85.7	90.9	80.1	84.3	-954	1.020
	October	..	..	.908	.867	87.2	72.6	94.9	5th	65.2	31st	76.8	84.5	70.3	78.6	-672	-903
	November	..	..	30.034	.979	78.8	62.7	86.9	5th	57.0	9th	66.6	75.8	61.3	70.1	-476	-664
	December	..	..	.059	30.082	67.3	54.6	74.0	7th	45.0	31st	58.1	64.5	55.0	60.0	-420	-457
	Year	..	..	29.823	29.779	81.9	80.8	101.9	15th July	44.8	30th Jan.	73.5	79.4	68.4	73.3	-673	-779

* Wind data unsatisfactory January to May and not comparable with later figures.

(n) Mean of 24 days. * Mean of 5 days. + Mean of 11 months.

ANNUAL TABLE D-2.

at 16 stations in Persia, etc., in 1929.

HUMIDITY.		CLOUD.		WIND DIRECTION.										WIND VELOCITY.	RAINFALL.				
Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Total number of 4 and 14 hrs. (G. M. T.) winds from										Mean wind direction.	Mean daily velocity in miles per hr.	Total rainfall.	Number of rainy days.	Heaviest rainfall.	Date.
18	19	20	21	Calm.	N	NE	E	SE	S	SW	W	NW	31	32	33	34	35	36	
82	70	4.8	4.1	12	16	1	4	6	3	0	8	17	N 16° W	47.9	0	0	0	..	
78	71	5.9	5.3	8	18	3	8	10	5	1	2	9	N 88° E	7.2	0.59	2	0.23	19th	
72	69	4.1	3.6	7	20	2	9	5	4	1	0	14	N 8° E	2.3	0.19	1	0.19	20th	
71	70	0.2	2.2	5	14	4	10	2	2	1	6	16	N 10° W	5.4	0	0	0	..	
73	60	1.7	1.7	4	14	13	4	2	1	9	10	5	N 18° W	4.7	0	0	0	..	
73	68	0	1.0	0	21	3	1	0	0	1	13	21	N 34° W	12.0	0	0	0	..	
74	65	0.8	0.8	6	18	5	4	2	0	0	8	19	N 20° W	9.4	0	0	0	..	
70	56	1.7	1.1	17	11	10	10	1	0	1	5	7	N 18° E	5.9	0	0	0	..	
72	62	2.0	0.1	16	9	7	11	1	1	2	4	9	N 17° E	6.6	0	0	0	..	
75	66	0.7	1.5	6	18	6	7	2	2	3	4	14	N 7° W	8.5	0	0	0	..	
73	63	2.4	2.7	7	16	7	8	4	4	5	8	7	N 22° W	7.5	0	0	0	..	
87	79	5.0	4.1	4	11	1	8	6	4	3	13	17	N 55° W	9.5	1.82	3	0.49	6th	
75	66	2.8	2.3	87	182	62	74	41	26	27	76	155	..	†7.2	2.10	6	0.49	8th Dec.	
83	76	8.6	8.7	5	25	2	12	8	0	1	1	10	N 18° E	7.7	3.26	5	1.52	9th	
88	86	8.7	4.0	2	11	6	15	5	5	1	1	10	N 47° E	8.2	5.76	7	2.27	2nd	
71	66	8.4	2.6	13	10	3	3	6	2	0	5	20	N 27° W	2.3	0	0	0	..	
67	64	1.8	1.8	12	8	2	8	3	4	5	5	18	N 49° W	8.4	0	0	0	..	
71	71	0.8	1.2	5	7	3	7	6	0	8	11	15	N 54° W	6.2	0	0	0	..	
78	74	0	0	4	18	2	1	1	0	1	12	26	N 60° W	8.1	0	0	0	..	
81	80	0.7	0.2	10	7	1	2	1	1	6	10	24	N 56° W	8.3	0	0	0	..	
74	74	0.6	0.2	29	2	2	3	0	5	4	11	6	S 89° W	4.2	0	0	0	..	
77	78	6.8	0.5	16	1	3	5	4	2	7	6	18	S 69° W	5.1	0	0	0	..	
73	77	0.6	1.1	3	9	11	9	1	4	1	2	22	N 1° W	7.2	0	0	0	..	
72	74	1.6	2.1	4	1	13	10	5	0	4	2	21	N 9° E	5.4	0.65	2	0.55	29th	
86	75	5.7	4.2	8	19	9	3	7	1	1	1	18	N	10.6	6.70	8	2.40	29th	
77	74	1.7	1.8	106	213	57	73	45	24	39	87	206	..	6.7	16.87	22	2.40	23th Dec.	

* Mean of 8 days. † Mean of 11 months.

MONTHLY AND

Abstract of observations taken at 4 and 14 hrs. (G. M. T.)

STATION.	MONTH.	Height of bar- cistern above sea-level in feet.	PRESSURE. (RE- DUCED TO 32° F. AND STANDARD GRAVITY.)		TEMPERATURE OF AIR.								TEMPERATURE WET BULB.		VAPOUR-TENSION IN INCHES OF MERCURY.	
			Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean maximum.	Mean minimum.	Highest maximum.	Date.	Lowest minimum.	Date.	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Lingeh	January	..	30.010	29.936	73.3	57.0	83.3	15th	49.1	27th	61.6	69.0	57.7	68.3	433	513
	February	..	29.938	28.86	71.8	58.7	81.7	24th	51.5	14th	62.5	68.0	60.6	64.9	507	575
	March	..	873	816	82.7	63.7	89.6	27th	57.1	1st	71.2	77.4	65.7	70.6	562	657
	April	..	768	699	88.8	68.0	97.1	22nd	60.0	25th	78.4	83.5	72.8	72.6	702	654
	May	..	660	598	95.8	75.6	102.7	31st	66.0	1st	86.1	91.9	78.1	76.3	815	696
	June	..	460	388	95.7	77.8	105.5	26th	73.3	7th	86.0	93.4	81.2	80.0	998	845
	July	..	377	305	99.0	82.5	109.1	12th	75.7	1st	90.0	96.7	84.9	86.0	1127	1116
	August	..	486	419	100.6	84.2	106.4	9th	78.0	28th	94.7	97.4	84.7	84.6	1103	1040
	September	..	672	601	95.3	80.2	99.8	30th	74.4	14th	85.5	95.2	82.0	80.3	1004	881
	October	..	840	784	90.9	73.3	99.4	13th	62.7	28th	82.9	86.1	76.7	77.2	811	813
	November	..	962	909	82.5	64.9	89.5	2nd	60.3	15th	71.6	78.9	64.0	68.5	495	584
	December	..	986	958	69.0	57.3	84.3	1st	47.3	20th	61.6	65.7	57.7	61.1	435	481
	Year	..	29.753	29.694	87.2	70.3	109.1	12th July	47.3	20th Dec.	77.7	75.1	72.1	73.9	749	738
Henjam	January	115	29.978	29.922	73.5	60.9	78.2	10th	51.0	30th	64.5	69.7	61.5	64.5	526	550
	February	..	892	845	72.8	60.7	83.7	24th	52.5	14th	65.0	69.0	68.2	64.9	557	562
	March	..	834	783	81.7	67.3	92.7	31st	61.0	13th, 15th and 16th	72.4	75.8	69.5	70.8	665	780
	April	..	728	645	87.1	72.2	95.2	21st	68.0	9th and 10th	77.5	80.4	74.0	73.4	776	730
	May	..	624	545	99.4	77.6	104.0	17th	72.0	3rd and 6th	83.9	87.8	77.8	77.1	873	789
	June	..	410	381	93.1	80.1	100.7	10th	67.4	3rd and 16th	85.4	87.4	80.1	81.0	955	968
	July	..	339	252	97.8	84.5	106.7	13th	81.0	7th	89.8	91.6	83.7	83.1	1075	1038
	August	..	449	385	99.1	84.6	104.7	26th	82.0	16th, 17th and 18th	90.8	93.4	84.6	82.9	1115	1021
	September	..	646	550	94.7	82.7	101.7	7th	80.0	1st, 4th and 7th	87.9	89.2	82.8	81.2	1026	958
	October	..	810	780	90.9	78.6	97.2	5th	72.5	16th	83.4	85.1	78.2	78.1	900	862
	November	..	922	858	88.5	69.9	88.4	1st	66.0	25th	74.2	77.8	67.5	68.5	588	573
	December	..	964	906	71.8	60.1	80.0	1st	51.5	21st and 22nd	64.4	67.6	60.9	62.4	496	497
	Year	..	29.716	29.646	87.1	73.3	106.7	18th July	51.0	30th Jan.	78.2	81.2	78.6	74.0	797	778

ANNUAL TABLE D-2—*contd.*at 16 stations in Persia, etc., in 1929—*contd.*

HUMIDITY.				CLOUD.		WIND DIRECTION.									RAINFALL.			
Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Total number of 4 and 14 hrs. (G. M. T.) winds from									Mean wind direction.	Mean daily velocity in miles per hr.	Total rainfall.	Number of rainy days.	Heaviest rainfall.	Date.
18	19	20	21	Calm.	N	NE	E	SE	S	SW	W	NW	31	32	33	34	35	36
77	71	3.3	2.6	14	5	11	10	4	3	6	6	3	N 60° E	6.0	0	0	0	..
89	83	4.8	4.9	17	4	10	8	2	1	4	6	4	N 29° E	5.4	5.89	7	2.34	2nd
74	71	3.5	2.8	9	4	5	11	2	4	10	12	5	S 78° W	5.5	0	0	0	..
74	58	3.6	2.4	6	1	3	12	5	2	14	15	2	S 39° W	5.6	0	0	0	..
68	48	2.2	1.0	13	2	1	13	3	4	15	11	0	S 24° W	4.6	0	0	0	..
80	54	1.5	0	6	0	3	9	7	6	16	11	2	S 23° W	5.4	0	0	0	..
79	67	2.2	0.5	4	0	0	4	9	4	21	17	3	S 45° W	6.5	0	0	0	..
74	59	1.4	0.5	5	0	9	18	8	4	10	7	1	S 57° E	6.4	0	0	0	..
75	59	1.4	0.2	8	0	5	15	2	5	14	10	1	S 3° W	5.9	0	0	0	..
74	65	0.8	0.6	9	5	11	11	3	3	10	9	1	N 71° E	5.3	0	0	0	..
64	64	1.4	2.5	12	10	12	7	1	0	7	6	5	N 6° E	5.4	0	0	0	..
78	75	4.5	4.7	7	11	12	10	2	1	8	8	8	N 11° E	5.1	4.44	7	2.15	18th
75	65	2.5	1.9	110	42	82	128	48	37	130	118	35	..	5.6	10.33	14	2.34	2nd Feb.
53	75	2.3	2.8	4	8	20	5	1	1	10	10	3	N 2° E	5.4	0	0	0	..
90	79	4.4	4.5	5	8	16	7	0	0	8	8	4	N 6° E	8.0	3.83	6	1.20	5th
87	79	2.2	1.4	5	5	7	3	3	2	18	17	2	S 75° W	2.5	0	0	0	..
88	71	1.7	1.9	4	4	5	0	0	3	20	20	4	S 79° W	6.5	0	0	0	..
76	61	1.3	0.9	1	7	4	0	1	1	20	23	5	S 86° W	6.8	0	0	0	..
78	75	0.8	0	4	1	0	0	1	0	24	27	3	S 72° W	8.6	0	0	0	..
78	73	0.4	0.5	8	8	8	0	1	0	19	22	1	S 81° W	6.9	0	0	0	..
78	68	1.2	0.9	3	3	26	8	10	2	6	7	2	N 58° E	6.7	0	0	0	..
78	71	1.6	0.8	5	1	17	8	3	8	14	13	1	S 78° W	6.6	0	0	0	..
79	72	0.9	0.7	6	6	22	5	1	0	12	10	0	N 12° E	6.0	0	0	0	..
70	61	1.0	1.4	2	14	14	8	3	1	7	6	5	N 15° E	6.1	0	0	0	..
81	73	4.0	3.9	4	14	28	2	0	1	4	6	3	N 18° E	8.4	8.15	8	1.69	9th
77	71	1.8	1.5	51	74	107	86	24	14	162	160	33	..	6.5	6.98	9	1.69	9th Dec.

MONTHLY AND

Abstract of observations taken at 4 and 14 hrs. (G. M. T.)

STATION.	MONTH.	Height of bar- cistern above sea-level in feet.	PRESSURE. (RE- DUCED TO 32° F. AND STANDARD GRAVITY.)		TEMPERATURE OF AIR.								TEMPERATURE WET BULB.		VAPOUR-TENSION IN INCHES OF MERCURY.	
			Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean maximum.	Mean minimum.	Highest maximum.	Date.	Lowest minimum.	Date.	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Jack	January .	18	30.055	29.906	75.8	61.5	80.4	15th	48.9	30th	64.8	70.8	59.3	64.1	.444	.519
	February .	..	29.979	.981	75.2	63.9	80.8	28th	56.3	2nd	67.1	71.3	63.6	66.3	.528	.579
	March .	..	.898	.889	83.0	68.9	88.7	28th	63.9	5th	72.8	75.6	65.8	70.8	.559	.635
	April .	..	.783	.714	88.0	72.7	95.8	3rd	67.1	28th	77.3	84.0	71.8	75.6	.699	.767
	May .	..	.693	.616	83.5	79.3	99.0	31st	70.4	2nd	84.7	88.1	75.8	78.0	.768	.872
	June .	..	.476	.392	85.6	83.1	102.7	3rd	78.5	10th	87.5	91.2	80.8	82.1	.951	1.000
	July .	..	.413	.341	87.9	86.1	108.7	1st	81.8	10th	90.7	98.2	81.1	84.0	.943	1.049
	August .	..	.346	.284	95.9	84.0	101.2	27th	79.3	31st	88.6	91.6	81.7	81.2	1.000	1.009
	September .	..	.264	.152	82.6	80.0	100.2	5th	74.8	22nd	85.2	88.1	76.1	80.7	.785	.948
	October .	..	.182	.091	91.1	75.7	95.7	8th	71.2	26th	80.0	84.2	73.7	77.6	.757	.864
	November .	..	.10.008	.043	84.5	68.2	90.5	8th	61.9	27th	72.5	78.5	63.1	69.4	.460	.600
	December .	..	.038	.067	75.1	62.0	82.6	4th	51.7	20th	65.1	70.8	60.4	62.7	.465	.479
Muscat	Year .	..	29.792	29.796	87.8	79.8	103.7	1st July	48.9	30th Jan.	78.0	82.5	70.0	74.4	.697	.777
	January .	20	30.053	29.908	87.7	65.6	83.3	14th	58.8	8th	66.9	71.8	61.0	65.2	.460	.639
	February .	..	29.968	29.918	77.7	68.7	85.0	20th	62.0	1st	70.0	78.7	61.7	68.0	.547	.609
	March .	..	.823	.662	85.9	73.9	95.4	28th	66.8	1st	76.4	80.4	66.1	70.4	.510	.611
	April .	..	.613	.411	81.5	80.7	102.6	12th	74.2	11th	84.2	86.6	78.8	75.1	.680	.786
	May .	..	.418	.245	87.2	85.8	105.6	15th	77.0	1st	90.5	91.6	77.3	77.7	.767	.770
	June .	..	.480	.266	100.9	88.5	110.3	2nd	84.8	6th & 12th	93.5	94.1	81.6	82.3	.926	.932
	July .	..	.415	.265	100.1	89.5	107.7	17th	88.9	8th	93.6	98.1	81.2	88.1	.910	.997
	August .	..	.353	.178	95.1	85.7	100.8	22nd	88.0	10th	87.6	95.5	82.9	88.2	1.056	1.063
	September .	..	.252	.099	95.5	..	104.4	10th	..	..	85.5	87.3	80.1	80.8	.953	.963
	October .	..	.131	.064	91.8	..	98.6	6th	..	..	81.7	91.6	78.6	77.2	.726	.835
	November .	..	.083	.062	84.7	..	90.4	8th	..	..	74.0	98.9	67.6	69.7	.588	.604
	December .	..	.059	.016	76.5	..	84.3	6th	..	..	68.6	92.6	68.6	68.2	.524	.531
	Year .	..	29.779	29.796	88.5	87.8	110.8	2nd June	88.8	31st Jan.	80.7	88.5	72.7	74.8	.726	.766

* Mean of 8 months.

ANNUAL TABLE D-2—contd.

at 16 stations in Persia, etc., in 1929—contd.

HUMIDITY.		CLOUD.		WIND DIRECTION.										WIND VELO- CITY.	RAINFALL.				
Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Total number of 4 and 14 hrs. (G. M. T.) winds from										Mean wind direction.	Mean daily velocity in miles per hr.	Total rainfall.	Number of rainy days.	Highest rainfall.	Date.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
70	68	1.0	1.4	10	6	9	5	2	9	2	9	10	N 38° W	6.8	1.24	2	0.71	7th	
79	75	3.5	3.9	6	2	6	15	10	2	1	6	8	N 22° E	9.1	3.13	5	1.30	5th	
70	66	0.8	0.4	8	3	6	6	8	8	5	12	16	N 55° W	9.2	0	0	0	..	
74	65	0.3	0.4	7	2	0	11	6	1	10	11	12	S 91° W	8.3	0	0	0	..	
64	66	0.1	1.5	9	0	1	9	8	2	10	15	13	S 86° W	8.2	0	0	0	..	
73	73	0	0	4	2	0	12	3	6	7	12	14	S 84° W	9.3	0	0	0	..	
66	67	0.5	0	6	1	1	13	5	7	8	11	12	S 53° W	9.1	0	0	0	..	
74	69	0.8	0.2	7	1	1	23	11	9	7	1	2	S 53° W	8.0	0	0	0	..	
66	71	0.8	0.1	5	3	2	20	8	11	2	5	4	S 58° E	9.2	0	0	0	..	
73	73	0.5	0.8	10	4	5	18	4	6	9	6	5	S 40° E	6.9	0	0	0	..	
58	61	1.3	1.4	4	8	13	3	5	4	5	8	10	N 35° W	7.1	0.14	1	0.14	12th	
71	64	2.6	4.2	6	10	13	12	6	1	6	3	7	N 42° E	8.2	1.45	4	0.55	18th	
70	68	1.0	1.2	80	43	57	142	66	61	70	99	113	..	8.3	5.96	18	1.30	5th Feb.	
69	68	4.3	4.8	24	1	0	23	1	0	1	1	11	N 62° E	4.0	0.32	2	0.16	28th & 30th	
74	73	4.7	5.0	19	1	1	15	4	0	0	1	15	N 37° E	4.6	0.12	1	0.12	4th	
57	60	1.1	1.1	20	0	1	17	0	0	0	1	23	N 2° E	1.9	0	0	0	..	
60	61	1.6	1.5	8	1	2	17	2	0	1	0	29	N 8° W	4.9	0	0	0	..	
55	54	1.0	2.2	8	0	0	27	1	1	3	1	21	N 42° E	4.4	0	0	0	..	
61	60	0.4	1.2	4	0	4	15	2	0	0	0	35	N 18° W	6.0	0	0	0	..	
62	67	2.2	1.9	8	0	0	33	1	0	0	2	18	N 58° E	5.2	0	0	0	..	
81	79	2.4	2.3	2	0	2	49	1	0	0	0	8	N 87° E	(d) 4.2	0	0	0	..	
78	75	2.0	1.2	14	0	0	37	0	0	0	0	9	N 70° E	3.7	0	0	0	..	
68	70	1.1	2.0	20	0	1	33	1	0	0	0	7	N 50° E	3.6	0	0	0	..	
70	61	2.6	2.4	28	0	0	16	1	0	0	0	15	N 32° E	3.8	1.35	1	1.35	12th	
74	65	6.0	6.2	18	0	8	14	1	1	4	0	31	N 2° W	4.7	4.55	6	2.25	10th	
67	66	2.6	2.6	178	3	14	296	15	2	9	6	207	..	4.1	0.84	10	2.25	10th Dec.	

(e) Mean of 28 days. (d) Mean of 28 days.

MONTHLY AND

Abstract of observations taken at 4 and 14 hrs. (G. M. T.)

STATION.	MONTH.	Height of bar- cistern above sea-level in feet.	PRESSURE. (RE- DUCED TO 32° F. AND STANDARD GRAVITY.)		TEMPERATURE OF AIR.								TEMPERATURE WET BULB.		VAPOUR TENSION IN INCHES OF MERCURY.	
			Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean maximum.	Mean minimum.	Highest maximum.	Date.	Lowest minimum.	Date.	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Charbar.	January .	..	30.057	29.900	75.6	59.4	82.1	16th	41.1	30th	64.5	70.1	59.0	64.3	437	-534
	February .	..	.007	.943	74.4	63.8	86.0	27th	52.3	1st	68.2	70.5	64.9	67.6	.580	-633
	March .	..	29.906	.848	82.8	67.8	98.6	22nd	59.8	5th	74.6	77.0	71.0	74.4	.700	-814
	April .	..	.737	.715	87.5	73.1	94.4	16th	67.0	7th	81.1	81.8	75.2	77.4	.798	-542
	May .	..	.688	.603	92.5	78.6	101.1	12th	72.4	2nd	86.3	86.3	78.5	80.7	.874	-966
	June .	..	.479	.400	92.7	82.0	100.2	3rd	79.2	6th	88.4	88.5	82.8	84.0	1.025	1.106
	July .	..	.411	.384	93.8	83.7	111.9	18th	79.8	24th	90.2	88.9	82.6	84.2	1.096	1.104
	August .	..	.564	.496	87.5	78.7	89.9	4th	75.1	24th, 29th and 30th	84.4	83.1	78.2	76.5	.877	-903
	September .	..	.738	.667	87.0	76.3	95.7	30th	71.5	22nd	88.1	81.8	76.4	77.4	.838	879
	October .	..	.888	.811	88.7	78.4	95.2	16th	67.9	31st	81.3	82.2	75.1	78.5	.803	922
	November .	..	.987	.922	85.1	64.9	93.2	3rd, 4th and 8th	60.0	26th	73.1	77.2	69.6	75.0	.681	-835
	December .	..	80.334	.976	74.6	60.6	85.2	5th	45.0	20th	68.9	70.2	59.2	64.1	.455	-529
Gwadar.	Year .	..	29.796	29.725	85.2	71.8	111.9	18th July	41.1	30th Jan.	78.8	79.8	72.7	75.3	.756	-814
	January .	..	30.044	29.984	75.0	58.5	81.1	16th	40.8	31st	64.7	69.7	56.7	60.4	.882	-414
	February .	..	29.997	.983	76.4	62.4	86.1	27th	46.7	1st	68.8	71.7	63.1	63.6	.496	-485
	March .	..	.901	.821	86.8	67.3	94.1	9th and 22nd	57.4	4th	74.8	78.5	68.2	67.8	.606	-541
	April .	..	.805	.718	89.4	73.9	106.3	16th	63.4	1st	81.0	82.4	74.1	73.5	.740	-707
	May .	..	.696	.601	95.2	79.5	108.4	4th	72.7	8th	85.8	86.8	77.1	76.2	.820	-759
	June .	..	.505	.412	92.6	81.0	100.8	22nd	75.8	2nd	85.8	86.7	79.6	80.2	.982	-985
	July .	..	.436	.350	92.7	81.6	105.6	13th	77.6	29th	85.6	87.8	80.2	80.5	.954	-942
	August .	..	.579	.500	86.9	76.5	89.4	3rd	71.5	29th	80.7	81.5	74.6	75.4	.778	-798
	September .	..	.750	.674	87.5	74.1	102.8	29th	69.4	6th	79.0	80.7	73.0	74.3	.768	-764
	October .	..	.880	.806	90.0	72.9	97.0	6th	62.1	18th	79.1	81.8	72.8	73.5	.724	-789
	November .	..	.985	.911	88.8	65.6	89.6	1st	59.0	26th	78.5	77.2	65.7	67.5	.582	-529
	December .	..	80.026	.975	78.3	59.6	86.1	6th	44.8	20th	65.2	68.7	59.9	61.9	.457	-475
	Year .	..	29.800	29.724	85.8	71.1	108.6	13th July	40.8	31st Jan.	76.9	79.4	70.6	71.2	.688	-674

ANNUAL TABLE D-2—*contd.*at 16 stations in Persia, etc., in 1929—*contd.*

HUMIDITY.		CLOUD.		WIND DIRECTION.										WIND VELOCITY.	RAINFALL.				
Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Total number of 4 and 14 hrs. (G. M. T.) winds from										Mean wind direction.	Mean daily velocity in miles per hr.	Total rainfall.	Number of rainy days.	Heaviest rainfall.	Date.
18	19	20	21	Calm.	N	NE	E	SE	S	SW	W	NW	31	32	33	34	35	36	
70	71	1.7	2.5	10	2	10	9	4	9	9	2	7	S 53° E	5.5	0	0	0	..	
83	82	3.7	4.0	5	2	6	17	8	2	9	3	4	S 71° E	6.5	1.21	3	0.66	10th	
79	88	0.5	0.4	9	2	0	9	5	5	13	8	11	S 57° W	5.2	0	0	0	..	
76	81	1.0	1.5	6	2	1	6	6	10	9	8	12	S 51° W	5.8	0	0	0	..	
70	77	1.2	1.2	10	1	1	2	10	5	12	14	7	S 52° W	5.9	0	0	0	..	
77	82	2.0	1.6	4	0	1	3	19	16	9	4	4	S 7° E	6.5	0	0	0	..	
78	82	2.4	3.6	4	0	3	10	18	12	11	3	1	S 25° E	7.6	0	0	0	..	
75	80	5.5	3.5	2	0	2	14	25	11	6	1	0	S 41° E	7.7	0	0	0	..	
74	81	3.3	2.3	3	0	1	10	18	12	13	2	3	S 17° E	6.8	0	0	0	..	
76	84	1.7	0.7	9	1	1	9	4	14	15	1	8	S 13° W	4.9	0	0	0	..	
84	89	0.6	0.5	10	1	12	5	5	4	17	1	5	S 6° E	5.2	Not available	..	..	..
74	70	2.7	2.2	11	2	14	14	4	8	7	2	5	N 74° E	5.4	2.37	5	0.92	9th	
76	81	2.2	2.0	83	13	52	108	124	103	130	49	67	..	6.1	*8.58	*8	0.92	9th Dec.	
57	54	2.3	3.3	20	8	4	2	4	6	7	8	3	S 83° W	4.9	0	0	0	..	
70	69	5.5	4.7	12	8	4	6	9	8	7	5	2	S 17° E	4.7	0.70	1	0.70	3rd	
71	56	2.7	1.4	13	0	1	3	3	2	15	22	3	S 68° W	3.5	0	0	0	..	
71	64	2.2	2.5	10	0	8	5	3	6	20	12	1	S 42° W	6.4	0	0	0	..	
68	62	3.1	1.3	2	0	1	3	1	7	25	22	1	S 57° W	7.5	0	0	0	..	
77	74	0.5	2.9	4	0	5	11	5	7	16	12	0	S 16° W	6.3	0	0	0	..	
77	78	5.0	6.2	4	0	3	17	6	15	11	6	0	S 22° E	5.9	0.03	0	0.03	12th	
74	74	8.7	7.6	3	1	4	10	6	17	16	5	0	S 2° E	5.0	0	0	0	..	
77	74	6.7	2.1	4	1	3	8	6	11	16	10	1	S 19° W	5.2	0	0	0	..	
73	67	2.4	1.1	14	0	3	8	5	4	15	17	1	S 52° W	5.8	0	0	0	..	
65	57	3.0	3.1	24	1	7	8	2	2	7	8	6	N 77° W	4.1	0.51	2	0.82	11th	
66	66	6.2	4.9	22	5	13	7	5	2	1	3	6	N 44° E	5.8	10.07	5	5.81	19th	
71	65	4.0	3.4	110	19	51	78	55	87	156	180	24	..	5.4	11.81	8	5.81	19th Dec.	

* Total of 11 months.

MONTHLY AVERAGE

Abstract of observations taken at 4 and 14 hrs. (G. M. T.)

STATION.	MONTH.	Height of bar- cistern above sea-level in feet.	PRESSURE. (REDUCED TO 32° F. AND STANDARD GRAVITY.)		TEMPERATURE OF AIR.								TEMPERATURE WET RULE.				VAPOUR-TENSION IN INCHES OF MERCURY.		
			Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean maximum.	Mean minimum.	Highest maximum.	Date.	Lowest minimum.	Date.	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
Paani	January	10.	30.964	29.996	74.5	55.8	83.3	15th	88.7	30th	61.9	67.0	57.8	63.1	-421	-538			
	February	..	-016	-045	76.7	60.5	88.6	27th	43.6	1st	67.0	70.2	62.8	66.1	-518	-598			
	March	..	29.910	-833	87.9	63.8	99.8	9th	53.0	2nd	75.1	76.8	69.7	73.8	-619	-794			
	April	..	-822	-729	90.3	71.4	100.4	4th	65.0	1st	81.0	81.1	75.4	78.1	-803	-851			
	May	..	..	-704	-624	95.8	76.8	107.8	4th	68.8	2nd	87.2	75.4	79.0	80.6	-887	-975		
	June	..	-513	-424	92.5	79.9	103.4	30th	76.7	8th	86.1	86.3	81.5	82.6	1.012	1.079			
	July	..	..	-648	-575	92.5	81.6	98.8	12th	79.5	31st	86.6	156.5	83.2	84.1	1.090	1.109		
	August	..	-593	-526	87.0	76.7	90.1	1st	70.9	30th	81.7	80.8	77.1	77.8	-860	-918			
	September	..	..	-765	-695	91.1	72.7	103.7	29th	68.6	7th	79.6	79.5	75.5	77.3	-825	-910		
	October	..	..	-890	-815	91.5	69.6	98.3	6th	58.3	18th	79.4	79.7	72.3	76.8	-761	-887		
	November	..	..	-885	-827	85.4	64.2	98.2	1st	55.9	24th	73.7	74.6	64.3	69.4	-484	-658		
	December	..	..	30.846	-989	73.2	57.9	83.2	5th	42.3	26th	63.4	66.5	59.5	68.1	-471	-549		
Panjgur	Year	..	29.813	29.740	86.5	69.2	107.8	4th May	38.7	30th Jan.	76.9	77.9	71.4	74.4	-730	-831			
	January	..	26.833	26.758	65.2	38.5	79.4	14th	20.4	36th	44.3	59.1	37.6	46.0	-160	-173			
	February	..	..	-791	-726	67.6	46.5	86.0	24th	28.4	1st	52.3	64.0	48.3	54.6	-300	-334		
	March	..	..	-762	-706	86.7	53.7	92.6	11th	39.4	1st	62.4	81.4	54.0	61.9	-289	-331		
	April	..	..	-663	-608	93.7	62.8	98.3	23rd	56.4	1st and 7th.	71.7	87.2	64.4	75.1	-509	-735		
	May	..	..	-624	-541	98.5	68.6	105.8	20th	59.4	1st	79.8	92.7	69.9	77.7	-614	-782		
	June	..	..	-463	-385	105.2	74.7	111.4	18th	66.6	14th	87.3	99.8	68.6	72.2	-482	-572		
	July	..	..	-411	-325	102.2	78.4	108.0	1st, 2nd and 18th	71.4	7th	85.2	97.8	71.8	76.1	-627	-801		
	August	..	..	-484	-418	98.9	69.6	105.4	3rd	56.7	31st	80.6	84.0	63.6	66.6	-723	-841		
	September	..	..	-644	-565	97.8	64.4	102.6	24th	56.4	6th	75.5	91.3	61.2	68.3	-868	-933		
	October	..	..	-779	-697	87.4	59.6	96.8	1st	52.4	16th and 20th.	67.2	80.1	51.8	57.0	-187	-188		
	November	..	..	-561	-773	76.9	46.9	85.0	1st	38.4	22nd and 24th.	55.6	68.9	47.8	53.4	-189	-211		
	December	..	..	-626	-759	61.1	40.8	77.0	2nd	27.4	21st	44.8	54.9	33.9	45.7	-191	-196		
	Year	..	26.678	24.604	86.8	58.7	111.4	18th June	20.4	30th Jan.	67.2	80.9	56.5	62.5	-897	-974			

ANNUAL TABLE D-2—contd.

at 16 stations in Persia, etc., in 1929—contd.

HUMIDITY.				CLOUD.		WIND DIRECTION.									Mean wind direction.	WIND VELOCITY.	RAINFALL.				
Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Total number of 4 and 14 hrs. (G. M. T.) winds from											Mean daily velocity In miles per hr.	Total rainfall.	Number of rainy days.	Heaviest rainfall.	Date.		
				Calm.	N	NE	E	SE	S	SW	W	NW	31	32	33	34	35	36			
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
74	79	1.6	1.4	4	10	6	1	2	2	15	12	10	N 72° W	6.8	0	0	0	..			
78	80	4.9	3.4	7	5	5	5	3	5	13	7	6	S 70° W	6.8	0.03	0	0.03	8th			
71	86	1.0	0.4	6	8	1	1	0	4	11	23	13	N 88° W	6.8	0	0	0	..			
76	87	1.1	1.3	2	1	1	2	5	3	9	20	8	S 81° W	7.7	0	0	0	..			
69	80	1.8	0.8	1	0	2	1	2	0	12	35	9	S 88° W	10.2	0	0	0	..			
81	86	2.3	1.3	2	0	0	8	8	3	16	21	2	S 47° W	8.2	0	0	0	..			
86	89	4.7	8.6	3	0	0	5	9	5	26	12	2	S 36° W	6.9	0	0	0	..			
70	87	6.9	4.1	4	0	0	1	3	6	24	22	2	S 57° W	6.7	0	0	0	..			
82	90	4.7	2.2	1	2	2	5	4	3	24	14	5	S 57° W	6.8	0	0	0	..			
72	88	1.2	0.1	3	4	4	5	0	2	9	23	12	N 77° W	6.6	0	0	0	..			
59	78	2.1	2.1	4	14	4	2	1	3	4	12	16	N 44° W	5.3	0.79	2	0.61	12th			
71	82	4.5	3.5	8	13	8	12	2	1	4	5	9	N 24° E	7.2	5.83	5	2.63	19th			
75	84	3.1	2.0	45	52	33	48	89	37	167	215	24	..	7.1	6.65	7	2.63	19th Dec.			
58	84	2.2	2.7	4	16	10	8	0	3	6	2	4	N 26° E	4.5	0.72	1	0.68	28th			
75	55	5.2	4.9	6	7	11	7	2	7	10	5	1	E	5.0	0.67	3	0.45	3rd			
51	81	1.2	1.8	2	8	20	10	0	5	10	5	2	N 43° E	3.9	0	0	0	..			
65	56	1.8	2.8	0	7	15	8	0	7	11	8	4	N	(n) 5.9	0.05	0	0.05	10th			
62	51	0.7	2.0	1	15	8	3	1	2	11	9	12	N 41° W	5.5	0	0	0	..			
37	25	0.8	1.3	0	14	9	6	0	2	5	6	18	N 20° W	5.7	0	0	0	..			
52	86	1.9	2.8	0	13	4	2	1	1	9	11	21	N 50° W	5.0	0	0	0	..			
88	21	0.9	1.8	11	12	2	1	2	3	6	7	18	N 49° W	4.2	0	0	0	..			
41	16	0.2	0.9	0	10	15	9	1	5	8	4	8	N 19° E	4.2	0	0	0	..			
31	18	0.4	0.5	2	15	19	18	1	0	3	3	6	N 31° E	4.2	0	0	0	..			
41	29	2.3	2.6	2	14	24	11	0	2	2	2	8	N 37° E	4.8	0.15	1	0.12	12th			
68	45	3.4	2.4	2	15	23	9	1	3	3	4	2	N 35° E	4.0	1.95	4	1.89	11th			
51	35	1.7	2.3	30	146	169	87	9	40	84	66	29	..	4.8	3.44	9	1.89	11th Dec.			

(n) Mean of 18 days.

MONTHLY AND

Abstract of observations taken at 4 and 14 hrs. (G. M. T.)

STATION:	MONTH.	Height of bar cistern above sea-level in feet.	PRESSURE. (RE- DUCED TO 32° F. AND STANDARD GRAVITY.)		TEMPERATURE OF AIR.								TEMPERATURE WET BULB.		VAPOUR-TENSION IN INCHES OF MERCURY.	
			Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean maximum.	Mean mini- mum.	Highest maxi- mum.	Date.	Lowest mini- mum.	Date.	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ormara	January .	..	30.044	29.972	74.7	56.5	83.8	16th	35.6	31st	63.9	68.9	58.1	62.3	-446	-504
	February .	..	.006	.930	77.0	60.7	88.8	27th and 28th.	43.1	1st	67.9	70.6	63.5	65.5	-538	-562
	March .	..	29.897	.815	88.2	65.2	97.6	30th	55.5	4th	75.2	79.4	70.6	72.1	-687	-691
	April .	..	.805	.714	90.3	75.1	98.9	15th	67.0	1st	81.3	82.8	77.1	76.7	-870	-813
	May .	..	.677	.601	94.7	81.2	105.1	12th	78.4	1st and 26th.	86.1	86.0	80.1	80.0	-942	-942
	June .	..	.500	.422	92.1	81.9	98.2	30th	79.1	15th	85.7	85.5	81.5	82.9	1.010	1.085
	July .	..	.437	.370	92.2	83.4	95.5	6th	79.1	29th	86.1	85.9	82.2	82.8	1.047	1.050
	August .	..	.586	.524	86.5	78.7	91.5	1st	75.0	31st	81.1	80.7	77.9	78.2	.909	.928
	September .	..	.758	.693	87.1	74.7	106.2	29th	70.6	23rd	79.8	79.7	75.1	76.1	-804	-849
	October .	..	.885	.812	90.6	71.7	98.8	19th	58.2	18th	80.1	81.4	78.3	74.5	-736	-759
	November .	..	.988	.923	86.6	65.0	95.1	3rd	55.0	26th	78.9	77.7	66.3	69.4	.550	.407
	December .	..	30.044	.979	73.9	57.9	83.0	5th	45.6	20th	64.8	67.5	58.4	59.5	.419	.413
*Ispahan	Year .	..	29.802	29.729	86.1	71.0	106.2	29th Sept.	35.6	31st Jan.	77.1	78.8	72.0	73.3	.747	.707
	January .	..	24.27	50.6	28.7	59.3	11th		14.6	30th	..	46.0	..	39.1	..	.175
	February .	..	..	.15	52.4	32.0	65.7	24th	18.4	9th	..	49.3	..	40.9	..	.174
	March .	..	..	.21	66.8	40.8	78.0	9th	33.2	25th	..	62.9	..	52.7	..	.297
	April .	..	..	.23	78.0	51.4	87.2	11th	42.6	3rd	..	74.1	..	63.7	..	.492
	May .	..	..	.24	83.9	58.4	91.3	19th	51.8	8th	..	79.5	..	67.5	..	.555
	June (e) .	..	24.25	.11	93.1	64.0	100.4	22nd	55.7	7th	75.9	90.4	66.2	75.2	.560	.665
	July .	..	.11	.29	95.3	65.0	99.0	2nd	57.6	27th	76.9	91.5	62.5	68.5	.426	.424
	August .	..	.02	.21	93.0	61.3	96.7	9th	54.6	26th	72.0	88.7	59.3	65.9	.372	.303
	September .	..	.32	.29	92.7	59.2	97.0	11th	53.4	18th and 14th.	69.8	86.8	55.0	63.7	.283	.246
	October .	..	.39	.35	75.7	48.7	91.4	2nd	41.7	27th	55.6	68.8	48.2	54.4	.256	.293
	November .	..	.38	.36	60.1	37.4	71.0	1st	23.2	15th	40.8	51.9	37.4	44.8	.186	.205
	December .	..	.25	.26	45.5	27.8	58.4	2nd	18.2	31st	30.4	39.2	28.3	34.4	.136	.147
	Year .	..	(a) 24.25	24.83	78.9	47.0	100.4	22nd June	18.2	31st Dec.	(a) 60.1	69.1	(a) 51.0	55.9	(a) 317	.400

* Wind frequency and mean wind direction based on 4 hrs. observations only up to May.

(a) Mean of 7 months.

(e) Mean of 27 days.

ANNUAL TABLE D-2—*contd.*at 16 stations in Persia, etc., in 1929—*contd.*

HUMIDITY.				CLOUD.		WIND DIRECTION.										Mean wind direction.	WIND VELOCITY.	RAINFALL.				
Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Total number of 4 and 14 hrs. (G. M. T.) winds from										31	32	33	34	35	Date:			
18	19	20	21	Calm.	N	NE	E	SE	S	SW	W	NW										
70	67	1.1	1.8	29	2	4	5	0	4	9	8	1	S 56° W	5.1	0	0	0	0	..			
77	75	4.0	3.6	11	0	6	7	3	9	8	10	2	S 20° W	6.0	0.08	0	0	0.08	9th			
77	70	0.9	0.4	15	1	2	3	1	2	8	26	4	S 84° W	7.3	0	0	0	0	..			
81	74	2.0	1.9	9	0	1	1	1	1	17	27	3	S 74° W	8.5	0	0	0	0	..			
77	77	1.5	1.8	0	0	0	1	0	0	23	35	3	S 75° W	7.9	0	0	0	0	..			
82	89	4.0	2.2	1	1	2	2	0	2	18	33	1	S 75° W	7.4	0	0	0	0	..			
84	85	6.6	5.0	0	0	2	1	0	7	26	25	1	S 61° W	7.8	0	0	0	0	..			
86	89	7.0	4.5	1	0	0	0	0	1	22	36	2	S 74° W	9.0	0	0	0	0	..			
80	84	3.6	1.3	19	0	0	0	0	0	16	24	1	S 78° W	9.1	0	0	0	0	..			
78	72	1.5	0.1	27	0	0	2	1	0	11	21	0	S 72° W	5.5	0	0	0	0	..			
66	65	2.7	2.1	45	0	2	1	1	0	5	6	0	S 66° W	3.0	0.58	1	0.45	12th				
65	60	3.2	3.4	39	1	3	8	3	2	2	3	1	S 75° E	2.1	6.17	4	2.94	19th				
77	75	3.2	2.3	196	5	22	31	10	28	165	254	19	..	6.6	6.83	5	2.94	10th Dec				
..	55	..	3.2	23	1	2	1	0	1	1	2	0	N 23° W	1.3	1.11	2	0.93	11th				
..	49	..	2.4	13	0	1	1	0	0	8	5	0	S 61° W	2.7	1.58	6	0.52	20th				
..	51	..	2.3	6	0	1	0	0	1	17	5	1	S 55° W	3.3	0.16	1	0.12	31st				
..	57	..	4.0	13	0	2	1	0	1	11	1	1	S 47° W	2.3	0.10	0	0.07	2nd				
..	55	..	3.8	19	0	2	1	1	0	4	2	2	S 77° W	1.4	0.30	2	0.19	13th				
62	46	0	0	87	0	5	0	0	0	9	4	2	S 80° W	(f) 1.3	0	0	0	0	..			
45	33	0.8	1.7	40	3	7	4	6	0	1	1	0	N 75° E	2.0	0	0	0	0	..			
48	29	1.9	2.4	42	4	13	2	1	0	0	0	0	N 44° E	1.1	0	0	0	0	..			
39	27	0.6	1.4	44	0	4	2	0	0	7	2	1	S 61° W	1.4	0	0	0	0	..			
58	48	1.5	2.9	49	1	5	0	0	1	3	3	0	N 49° W	0.1	0.49	1	0.29	18th				
74	55	3.9	3.5	52	0	1	8	1	0	2	1	0	S 55° E	0.6	0.59	3	0.22	11th				
79	62	4.5	4.7	41	0	1	0	2	1	12	2	3	S 52° W	0.8	1.43	4	0.45	8th				
(a) 58	47	(a) 1.9	2.7	379	9	44	15	11	5	75	28	10	..	1.5	5.76	19	0.93	11th Jan				

(a) Mean of 7 months.

(f) Mean of 26 days.

MONTHLY AND

Abstract of observations taken at 4 and 14 hrs. (G. M. T.)

STATION.	MONTH.	Height of bar- cistern above sea-level in feet.	PRESSURE. (REDUCED TO 32° F. AND STANDARD GRAVITY.)				TEMPERATURE OF AIR.						TEMPERATURE WET BULB.		VAPOUR-TENSION IN LENGTHS OF MERCURY.			
			Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean maxi- mum.	Mean mini- mum.	Highest maxi- mum.	Date.	Lowest mini- mum.	Date.	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
*Tehran	January	.	..	..	25.78	42.7	26.9	54.1	1st	16.1	13th	..	38.1	..	35.4	..	-181
	February	.	..	..	62	48.9	81.1	59.4	19th	20.1	1st	..	45.5	..	39.3	..	-177
	March (b)	.	..	..	60	63.1	89.6	79.6	10th	27.2	25th	..	59.1	..	47.6	..	-201
	April	.	..	..	61	78.5	53.8	91.0	11th	40.6	3rd	..	75.1	..	57.0	..	-262
	May	.	..	..	63	86.4	60.3	93.0	17th	52.1	5th and 29th.	..	80.0	..	62.5	..	-387
	June (f)	.	..	25.56	51	80.9	63.4	95.8	26th	51.1	5th	71.5	87.0	61.5	65.4	-425	-377	
	July	66	51	94.1	69.8	99.5	22nd	62.6	19th and 22nd.	75.5	91.1	63.5	70.0	-446	-489
	August	65	60	91.2	66.7	97.5	7th	58.3	31st	73.6	87.9	63.6	73.3	-474	-647
	September	68	64	91.2	65.3	98.0	9th	60.1	1st	70.8	86.6	60.7	(d) 70.8	-404	(d) -576
	October	81	77	74.0	54.3	88.7	2nd	40.8	26th	58.2	68.9	52.2	60.9	-826	-450
	November	81	81	60.9	42.7	68.3	1st	38.6	13th	46.9	55.7	41.8	50.5	-206	-304
	December	78	75	45.5	31.1	58.3	2nd	23.3	31st	34.3	41.8	32.4	39.1	-184	-209
† Meshed 14-30 hrs. local time up to 31st July, 14 G. M. T. from 1st August, onwards.	Year	.	..	(y) 25.62	25.64	72.3	50.4	99.5	22nd July	16.1	13th Jan.	(y) 61.5	68.1	(y) 53.7	56.0	(y) 349	-353	
	January	.	..	..	26.069	38.7	15.2	58.2	7th	—6.0	30th	..	38.0	..	33.1	..	-143
	February	.	..	..	25.937	42.5	26.3	56.2	24th	10.5	1st	..	41.2	..	37.8	..	-186
	March	.	..	..	938	58.0	37.0	81.2	15th	26.5	26th	..	56.9	..	47.1	..	-231
	April	.	..	..	868	76.7	46.5	89.2	23rd	37.5	4th	..	75.8	..	56.5	..	-238
	May	.	..	..	890	83.3	50.8	94.2	18th	41.0	31st	..	82.8	..	59.7	..	-255
	June	.	..	..	768	87.9	55.0	94.7	14th	46.5	1st	..	86.7	..	68.2	..	-303
	July	.	..	..	712	92.5	58.6	100.2	19th	48.5	26th	..	91.1	..	64.0	..	-308
	August	.	..	25.849	783	89.6	51.6	97.2	1st	41.5	29th	67.8	79.7	53.8	57.1	-256	-204	
	September	.	..	..	940	840	87.2	96.2	21st and 26th.	41.5	3rd	61.7	75.0	54.0	59.2	-331	-324
	October	.	..	26.085	26.042	71.4	36.1	93.2	3rd	21.0	24th	45.6	58.2	41.4	48.2	-219	-235	
	November	108	866	58.8	27.4	70.7	18th	22.0	5th and 27th.	33.9	46.6	31.3	41.2	-144	-197
	December	990	851	88.4	17.9	85.2	2nd	1.0	19th	23.9	30.5	23.3	29.8	-180	-165
	Year	.	..	26.014 (z)	..	68.7	39.3	100.2	19th July	..	..	(z) 46.6	..	(z) 40.8	..	(z) 216	..

(b) Mean of 30 days.

(f) Mean of 26 days.

(y) Mean of 7 months.

(d) Mean of 28 days.

(z) Mean of 5 months.

* Wind frequency and mean wind direction based on 4 hrs. observations only up to May. † Wind frequency and mean wind direction based on 14-30 hrs. observations (local times) only up to July.

ANNUAL TABLE D-2—contd.

at 16 stations in Persia, etc., in 1929—contd.

HOURLY.		CLOUD.		WIND DIRECTION.										WIND VELO- CITY.	RAINFALL.				
Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Mean 4 hrs. (G. M. T.)	Mean 14 hrs. (G. M. T.)	Total number of 4 and 14 hrs. (G. M. T.) winds from										Mean wind direction.	Mean daily velocity in miles per hr.	Total rain- fall.	Number of rainy days.	Hea- viest rainfall.	Date:
18	19	20	21	Calm.	N	NE	E	SE	S	SW	W	NW	31	32	33	34	35	36	
..	79	..	8.3	11	1	1	0	2	4	12	0	0	8 28° W	2.1	2.08	5	1.19	11th	
..	58	..	5.4	6	2	2	0	1	1	7	5	4	8 88° W	4.4	1.48	6	0.39	20th	
..	41	..	4.7	4	0	3	0	3	3	12	3	2	8 41° W	4.1	0.75	3	0.31	20th and 21st.	
..	31	..	4.9	5	3	1	0	3	3	12	3	0	8 41° W	3.8	0.03	0	0.02	16th	
..	37	..	4.7	2	1	3	0	4	2	17	1	1	8 34° W	3.4	0.40	1	0.23	26th	
54	63	0.4	0.5	0	2	11		8	5	27	2	1	8 23° W	(g) 3.7	0.23	1	0.23	6th	
50	34	1.6	1.3	0	3	11	3	7	6	28	2	2	8 22° W	2.3	0	0	0	..	
57	49	1.3	2.3	9	2	10	0	5	2	34	0	0	8 34° W	2.2	0	0	0	..	
53	(d) 45	0.2	(d) 0.9	14	1	18	0	1	1	24	0	1	8 45° W	3.3	0	0	0	..	
66	63	3.1	2.9	21	0	22	0	2	1	13	3	0	N 50° E	2.4	0.01	0	0.01	10th	
64	69	3.7	4.2	17	0	27	0	0	0	13	1	2	N 34° E	2.3	0.46	2	0.35	20th	
81	77	4.7	4.9	22	0	19	0	3	1	17	0	0	8 61° E	1.5	0.66	2	0.34	8th	
(y) 61	54	(y) 2.1	3.3	111	15	128	3	39	29	216	20	13	..	3.0	6.10	20	1.19	11th Jan;	
..	64	..	2.7	29	0	0	0	0	0	0	1	1	N 66° W	0.5	0.86	2	0.46	12th	
..	72	..	4.7	19	2	0	1	1	0	0	3	2	N 45° W	1.3	2.41	6	0.60	12th	
..	50	..	5.1	14	2	0	1	7	3	0	3	1	S 23° E	2.0	1.36	2	0.61	21st	
..	29	..	3.6	8	5	2	5	6	3	0	1	0	S 85° E	2.0	0.28	1	0.20	30th	
..	23	..	3.7	11	5	5	3	7	0	0	0	0	N 72° E	1.7	1.12	2	0.56	30th	
..	24	..	2.0	7	8	6	4	5	0	0	0	0	N 58° E	2.2	0	0	0	..	
..	20	..	0.9	6	10	12	2	1	0	0	0	0	N 32° E	2.5	0.01	0	0.01	13th	
38	20	0.8	0.8	29	9	10	4	0	0	0	0	1	N 26° E	(b) 1.5	0	0	0	..	
60	37	0.3	1.2	36	5	6	0	18	0	0	0	0	N 89° E	1.3	0	0	0	..	
68	47	2.6	2.6	39	0	3	1	9	6	4	0	0	S 27° E	1.0	0.70	1	0.69	22nd	
75	63	3.9	3.8	50	0	0	2	2	4	2	0	0	S 16° E	1.1	0.22	1	0.20	30th	
96	92	5.7	5.2	46	0	0	2	7	6	0	0	1	S 31° E	1.0	Not available.	..	..
(s) 67	..	(s) 2.6	..	294	46	58	25	58	22	6	8	6	..	1.7	(s) 6.96	(s) 15	0.69	22nd Oct.	

(b) Mean of 30 days.

(d) Mean of 25 days.

(y) Mean of 25 days.

(g) Mean of 7 months.

(s) Mean of 5 months.

(s) Total of 11 months.

MONTHLY AND

Abstract of observations taken at 4 and 14 hrs. (G. M. T.)

STATION AND TIMES OF OBSER- VATION.	MONTH.	Height of bar- cistern above sea-level in feet.	PRESSURE. (RE- DUCED TO 32° F. AND STANDARD GRAVITY.)		TEMPERATURE OF AIR.								TEMPERATURE WET BULB.		VAPOUR-TENSION IN INCHES OF MERCURY.		
			Mean at time I.	Mean at time II.	Mean maximum.	Mean mini- mum.	Highest maximum.	Date.	Lowest mini- mum.	Date.	Mean at time I.	Mean at time II.	Mean at time I.	Mean at time II.	Mean at time I	Mean at time II.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
* Selstan. Time I—1 hrs. G. M. T. Time II—12 hrs. G. M. T.	January	..	..	28.486	56.8	33.1	71.6	10th	16.7	31st	..	56.0	..	44.7	..	-186
	February	32.3	66.2	40.7	84.1	25th	20.6	1st	..	63.9	..	52.3	..	-258
	March	25.0	80.9	50.9	95.4	16th	35.3	1st	..	80.2	..	60.8	..	-297
	April	14.7	89.8	60.5	98.7	29th	47.5	7th	..	89.3	..	64.6	..	-304
	May	11.6	94.1	67.9	105.1	19th	59.7	1st	..	93.7	..	69.2	..	-410
	June	27.920	99.6	74.6	108.2	2nd	69.2	27th	..	99.4	..	70.1	..	-366
	July	84.1	100.4	78.2	106.8	31st	67.9	15th	..	100.2	..	69.5	..	-340
	August (g)	28.031	96.3	97.0	(a) 74.8	107.8	3rd	66.9	29th	81.1	96.7	60.2	65.7	-259	-254
	September	19.4	28.111	97.5	68.3	103.7	24th	60.0	21st	79.0	94.1	60.9	67.7	-312	-316
	October	4.9	34.1	82.5	54.9	98.3	19th	39.4	17th	62.6	81.5	50.4	59.0	-221	-227
	November	58.4	45.7	71.8	42.4	80.3	18th	32.1	23rd	49.2	70.4	42.7	53.3	-195	-196
	December	55.0	47.6	54.2	33.1	72.7	3rd	21.7	21st	37.5	53.0	34.9	44.8	-176	-205
Air ship Base Observatory Drigroad (Karachil). Tim: I—3-32 hrs. G. M. T. Time II—14 hrs. G. M. T.	Year	..	(z) 28.360	28.203	82.6	56.6	108.2	2nd June	16.7	31st Jan.	(z) 61.0	81.5	(z) 49.8	60.1	(z) 233	-278	
	January	..	29.989	29.928	79.5	52.1	85.8	6th and 16th.	31.4	31st	57.1	67.5	49.4	56.7	-268	-335	
	February	..	9.00	884	81.5	55.0	93.0	28th	34.6	1st	61.0	71.4	53.8	61.0	-337	-411	
	March	..	840	761	94.0	62.6	102.6	9th	52.8	3rd	72.4	80.8	64.6	70.1	-521	-607	
	April	..	747	672	94.6	72.6	103.8	16th	64.2	3rd	81.2	82.7	73.7	76.0	-740	-768	
	May	..	612	547	98.0	78.2	113.8	5th	70.2	9th	86.2	86.0	79.2	80.1	-911	-942	
	June	..	441	381	92.9	82.2	101.0	29th	79.2	15th	86.9	88.0	79.1	79.7	-893	-934	
	July	..	388	336	90.8	81.9	96.9	2nd	71.8	29th	84.9	(b) 82.3	79.5	(b) 77.4	-943	(b) 924	
	August	..	517	478	86.8	78.3	90.4	23rd	74.4	30th	81.1	81.2	75.8	76.2	-818	-881	
	September	..	693	645	90.5	75.1	105.1	28th	71.2	20th and 27th.	81.0	81.5	73.3	74.5	-720	-764	
	October	..	820	759	93.8	70.2	100.1	4th	60.8	19th	78.5	81.8	70.9	75.6	-670	-774	
	November	..	920	864	89.0	61.8	97.3	1st	52.0	26th	71.2	76.8	60.8	65.2	-408	471	
	December	..	987	934	76.0	51.9	86.8	8th	39.8	23rd	58.0	66.9	51.8	56.6	-299	-380	
	Year	..	29.743	682	88.9	68.5	113.8	5th May	81.4	31st Jan.	74.0	78.7	67.6	70.7	-627	-674	

(g) Mean of 25 days.

(a) Mean of 31 days.

(z) Mean of 5 months.

(b) Mean of 30 days.

* Wind frequency and mean wind direction based on 12 hrs. observations only up to July.

ANNUAL TABLE D-2—*concl.*at 16 stations in Persia, etc., in 1929—*concl.*

HUMIDITY.		CLOUD.		WIND DIRECTION.										WIND VELO-CITY.	RAINFALL.				
Mean at time I.	Mean at time II.	Mean at time I.	Mean at time II.	Total number of winds at times I. and II. from										Mean wind direction.	Mean daily velocity in miles per hr.	Total rainfall.	Number of rainy days.	Highest rainfall.	Date.
18	19	20	21	Calm.	N	NE	E	SE	S	SW	W	NW	81	32	33	34	35	36	
..	35	..	1·2	7	0	1	0	1	0	0	0	22	N 42° W	0·04	0	0·04	24th		
..	43	..	3·2	4	0	1	1	9	0	0	0	13	N 18° W	0·47	2	0·15	16th		
..	29	..	0·6	7	0	5	0	8	0	0	0	11	N 14° E	0·06	0	0·04	22nd		
..	22	..	2·4	3	0	7	1	3	0	0	1	15	N 15° W	0	0	0	..		
..	26	..	2·1	3	1	5	0	0	0	0	0	22	N 31° W	Not available.	0	0	0		
..	20	..	0	0	0	0	0	0	0	0	0	30	N 45° W	0	0	0	..		
..	18	..	0·3	1	0	0	0	0	0	0	0	30	N 45° W	0	0	0	..		
24	15	0	0	0	0	0	0	0	0	0	0	56	N 51° W	(b) 15·0	0	0	0	..	
32	18	0	0	7	0	0	0	0	0	0	0	53	N 45° W	9·7	0	0	0	..	
38	22	2·8	1·0	1	0	5	2	5	0	2	0	47	N 39° W	9·0	0·01	0	0·01	11th	
55	27	2·2	1·8	8	0	8	0	5	0	2	0	37	N 35° W	4·7	0	0	0	..	
74	49	3·8	3·5	7	2	4	4	2	3	2	2	36	N 40° W	5·7	0·51	2	0·22	18th	
(z) 45	27	1·7	1·3	48	3	36	8	33	3	6	3	372	..	(z) 8·8	1·09	4	0·22	18th Dec.	
52	47	2·5	1·9	4	11	16	3	1	1	7	14	5	N 22° W	5·9	0·01	0	0·01	26th	
58	51	4·4	5·0	4	5	18	4	0	0	10	13	2	N 22° W	5·1	0	0	0	..	
63	58	2·9	1·6	6	5	4	1	0	0	11	29	6	N 84° W	6·0	0	0	0	..	
69	69	2·2	2·3	2	1	2	0	0	1	16	32	2	S 79° W	8·2	0	0	0	..	
73	77	2·6	1·6	2	1	0	0	0	0	19	35	5	S 81° W	10·5	0	0	0	..	
69	75	7·5	6·1	0	0	0	0	0	0	31	28	1	S 67° W	10·2	0	0	0	..	
76	(b) 77	6·1	5·7	0	1	1	0	0	0	27	32	1	S 72° W	11·3	7·48	4	5·38	28th	
77	78	9·3	8·2	0	0	0	0	0	0	19	40	3	S 78° W	11·7	0·37	1	0·27	22nd	
70	72	5·5	4·4	1	2	1	0	0	1	18	32	5	S 81° W	10·2	0	0	0	..	
70	71	2·4	1·1	3	7	5	1	0	0	18	26	2	S 89° W	(b) 6·6	0	0	0	..	
58	58	5·2	3·8	2	21	18	8	0	1	5	6	4	N 10° E	(c) 4·9	0·98	2	0·35	9th	
61	50	4·3	3·5	3	12	21	10	3	1	4	6	2	N 37° E	6·6	0·67	1	0·60	10th	
66	65	4·6	3·8	27	66	81	27	4	5	185	298	38	..	8·1	9·51	8	5·38	29th July	

(b) Mean of 30 days.

(c) Mean of 29 days.

(h) Mean of 24 days.

(z) Mean of 5 months.

**Table D-3.—Abstract of Observations taken at 8 hrs. at 208
Stations in the year 1929.**

ANNUAL TABLE D-3 FOR 1929.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	PRESSURE.			WIND.			TEMPERATURE.						HUMIDITY.			CLOUD.		RAINFALL.							
	Mean S. h. reduced to 32° F. and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.				Maximum.			Minimum.			Mean 8 h.	Departure from normal.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the year.		Number of rainy days.	Departure from normal.	from year.	Highest fall during year.	
					5	6	Dry bulb.	7	Wet bulb.	8	Mean.	9	Departure from normal.	10	Highest during year	11	Departure from normal.	12	Lowest during year	13	17	18	19	20	21
1																									
Bay Islands.																									
Port Blair (59)	. . .	29.774	-007	..	5.0	80.5	75.8	85.9	-1.2	91.8	77.0	0	69.3	81	-3	6.4	115.20	-1.22	146	+7.4	8.33				
Lower Burma.																									
Victoria Point (113)	. . .	29.717	+004	..	5.6	78.9	75.3	85.1	-0.8	92.6	74.9	+0.1	69.9	84	+1	6.6	187.12	+28.25	176	+24.5	5.68				
Mergui (66)	. . .	29.797	0	..	..	76.9	74.8	86.9	-0.5	95.0	70.9	-1.0	63.0	91	+4	6.7	184.41	+28.17	180	+26.2	4.77			
Tavoy (19)	. . .	29.845	-005	..	2.2	76.6	73.8	88.7	+0.8	98.1	69.8	-1.9	55.4	88	0	6.2	258.96	+44.22	152	+7.6	8.15				
Amherst (71)	. . .	29.783	..	..	5.6	78.4	74.3	86.8	..	93.8	73.7	..	65.1	82	..	6.4	193.16	..	137	..	7.65			
Rangoon (18)	. . .	29.826	-005	..	2.9	77.7	74.4	90.1	+0.8	100.9	73.6	+0.6	63.0	85	-2	6.9	98.31	-0.72	120	-2.3	3.52				
Bassein (27)	. . .	29.819	+003	..	2.5	78.5	74.6	89.8	+1.6	100.4	72.8	+0.2	60.0	82	-6	6.3	103.97	-5.16	125	+0.2	3.78				
Diamond Island (41)	. . .	29.781	-016	..	6.5	80.7	76.5	85.8	+0.5	92.0	77.2	+1.5	70.3	82	+2	5.5	115.95	-1.95	114	+0.2	7.08				
Gwa (11) (p)	. . .	29.795	..	..	3.7(q)	79.8	76.6	88.4	..	93.9	73.5	..	55.4	86	..	5.2	193.63	..	118	..	8.57			
Toungoo (159)	. . .	29.665	-020	..	..	77.1	72.7	90.0	+0.1	100.9	71.3	+0.9	53.8	80	-6	5.3	96.11	+13.15	116	+1.3	5.08			
Kyaikpyu (18)	. . .	29.798	-009	..	2.0	78.6	75.4	85.4	+0.8	95.7	73.2	+0.6	57.3	86	+1	5.8	200.98	+21.18	117	-13.2	11.33				
Akyab (20)	. . .	29.601	-006	..	7.6	76.0	72.6	85.8	0	95.8	70.9	-0.8	50.6	85	-4	6.1	212.98	+9.61	124	-1.5	6.82				
Upper Burma.																									
Minbu (168)	. . .	29.654	-010	..	2.4	77.1	70.9	90.6	-0.8	107.5	71.2	-0.2	53.0	73	-2	3.7	41.58	+6.20	64	+6.8	3.62				
Yamethin (644)	. . .	29.188	+005	..	3.7(a)	75.3	70.3	90.5	-0.6	102.6	69.3	-0.6	50.3	77	-2	4.5	37.59	-0.43	62	-1.3	3.53				
Mandalay (250)	. . .	29.581	-001	..	2.8	75.8	70.9	91.9	-0.9	106.8	71.5	+0.2	51.7	78	+4	4.0	42.46	+9.30	57	+6.2	5.20				
Monywa (280)	. . .	29.562	0	..	2.8	75.9	70.7	91.5	+0.9	108.6	70.8	-0.4	52.7	77	0	4.5	31.76	+0.71	46	+1.9	2.98				
Lashio (2,820)	. . .	27.045	-009	..	2.8	66.4	63.3	80.5	-1.1	92.5	60.8	+0.3	38.7	84	-2	5.6	57.45	-4.42	105	+4.3	2.82				
Bhamo (414)	. . .	29.443	-004	..	1.7	70.7	68.2	85.6	-0.3	100.5	65.0	+0.1	42.8	88	-1	7.1	63.12	-8.9	91	-0.5	3.49				
Myitkyina (463)	. . .	29.872	+013	..	2.5	69.9	67.1	84.8	+0.7	98.6	65.7	+0.2	45.0	86	-1	6.5	78.08	-0.91	103	-2.5	4.11				
Assam.																									
Dibrugarh (348)	. . .	29.497	+003	..	0.9	69.5	67.3	80.8	0	95.9	65.1	-0.1	44.1	89	-3	6.0	110.65	+2.23	189	+4.5	3.15				
Sibsagar (333)	. . .	29.721	+005	..	1.1	69.8	68.1	81.8	+0.5	98.3	66.0	+0.3	43.5	92	-2	8.9	162.50	+6.51	135	+6.5	8.62				
Tezpur (258)	. . .	29.585	+006	..	1.4	71.0	68.5	83.7	+0.5	96.5	66.9	-0.1	46.3	87	-2	6.6	88.87	+14.63	114	+8.9	2.94				
Gauhati (196)	. . .	29.645	0	..	1.0	71.6	68.9	83.9	-0.6	97.9	66.5	+0.2	44.8	87	-1	6.4	70.65	+5.36	97	+4.2	3.06				
Dhubri (115)	. . .	29.705	+001	..	4.8	72.7	69.6	81.7	-1.1	97.5	68.3	+0.3	48.0	86	-2	4.7	92.62	-3.88	94	-0.3	3.74				
Silchar (104)	. . .	29.741	+002	..	(p)1.6	72.3	69.5	85.8	-0.3	100.6	67.2	-0.3	44.4	86	-1	6.2	162.30	+37.62	140	+3.9	8.64				
Bengal.																									
Cox's Bazar (36)	. . .	29.775	-004	..	2.0	76.3	72.4	84.7	-0.3	97.3	69.9	+0.5	49.8	82	-5	3.8	132.46	-13.31	93	-17.5	8.62				
Chittagong (87)	. . .	29.732	-003	..	6.7	74.7	70.5	86.0	+1.1	95.4	69.1	-0.2	47.4	81	-5	5.4	110.58	+7.85	96	+1.0	6.40				
Narayanganj (26)	. . .	29.782	-001	..	2.9	75.3	71.8	86.9	+0.7	97.4	70.5	0	48.4	83	-2	5.4	70.47	-3.35	90	-3.3	6.09				
Barisal (12)	. . .	29.782	-007	..	2.7	76.6	72.9	86.2	+0.4	93.9	70.7	+0.4	47.0	83	-2	5.0	75.60	-6.71	98	-5.2	6.35				
Jessore (33)	. . .	29.771	-001	..	2.3	74.4	71.9	88.1	+0.8	103.5	67.9	-1.8	41.6	86	+4	5.6	56.09	-9.94	97	+9.0	3.50				
Calcutta (21)	. . .	29.768	-007	..	3.2	75.5	72.2	87.9	+1.0	103.5	71.7	+1.0	46.8	85	+2	4.9	59.64	-2.90	85	-0.2	3.16				
Saugor Island (10)	. . .	29.776	-015	..	9.0	78.1	74.0	84.1	-1.3	92.3	72.9	-0.5	49.9	81	-4	5.7	69.29	-0.12	89	+9.4	5.04				
Purdwan (99)	. . .	29.699	+003	..	2.1	75.2	71.0	89.1	+0.3	109.6	70.1	-0.8	45.6	81	+2	5.0	69.10	+10.47	92	+15.1	4.60				
Berhampore (65)	. . .	29.739	+006	..	2.5	76.3	71.6	89.1	+1.5	108.9	68.9	-0.7	42.8	79	-4	4.5	46.33	-10.78	77	-0.2	2.50				
Wymansingh (63)	. . .	29.764	+000	..	1.7	78.2	70.2	85.3	+0.5	99.2	68.6	-0.8	45.8	86	-1	6.3	84.49	-8.48	168	-2.4	7.17				
Rogea (66)	. . .	29.740	+006	..	1.7	74.5	71.4	87.8	+1.1	104.6	68.6	+0.5	48.8	85	+2	5.0	68.66	-7.81	88	-2.8	6.48				
Dinajpur (123)	. . .	29.672	-006	..	1.9	73.5	69.9	85.3	-0.7	104.8	68.1	+1.2	41.5	83	0	4.7	73.74	+2.64	75	-4.5	6.18				
Jalpaiguri (274)	. . .	29.538	-007	..	1.1	71.3	69.0	85.3	+1.0	97.6	66.6	+0.4	43.9	89	+3	4.8	188.96	+16.64	186	+8.28	7.66				

(p) Mean of 9 months.
(q) " " 8 "

(a) Mean of 10 months.

N. B.—Elevations in italics indicate barometrical determination.

ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.								
	Mean 8 h. reduced to 32° F. and standard gravity.	from	Departure normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean 8 h.	Maximum.			Minimum.			Mean.	Departure normal.	Mean 8 h.	Departure normal.	Mean amount 8 h.	Total of the year.	Departure normal.	from	Number of rainy days.	Departure normal.	from
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
Balasore (64)	29.728	-0.001	..	4.3	77.3	72.2	88.5	-0.1	109.1	71.4	+0.9	46.0	77	-4	5.5	66.11	+3.38	70	-8.0	6.39			
Hukitala (False Point) (29)(g)	29.713	-0.013	..	(r)10.4	..	..	..	..	..	..	..	..	..	..	4.7	45.58	+4.19	65	+5.6	5.20
Chandballi (19)(r)	29.727	..	..	3.7	77.7	74.3	86.8	..	108.3	73.1	..	48.8	85	..	5.5	62.40	..	68	..	5.38	
Cuttack (87)	29.712	+0.002	..	1.9	75.7	72.4	91.1	+0.2	110.0	72.2	-0.3	49.3	85	+6	5.0	55.49	+0.22	78	+3.1	8.20			
Sambalpur (486)	29.308	-0.003	..	2.2(n)	77.5	70.0	90.6	+0.1	114.2	69.5	-0.3	42.7	69	-2	4.5	90.86	+25.13	71	-2.9	6.14			
Chota-Nagpur.																							
Chailasa (733)	29.030	-0.004	..	2.4	73.6	68.9	89.3	-0.3	113.6	68.8	+0.8	43.1	79	+2	5.6	72.59	+20.80	76	+1.6	7.67			
Ranchi (2,152)	27.634	0	..	3.0	72.3	66.0	83.7	-0.5	106.4	65.2	-0.3	40.4	71	+5	4.6	58.82	+1.11	85	+4.8	3.51			
Bihar.																							
Purnea (124)	29.673	-0.007	..	1.7	73.2	69.1	86.5	0	103.8	66.6	+0.3	40.8	81	-4	4.2	62.40	+0.12	74	+3.2	6.22			
Darbhanga (177)	29.613	-0.016	..	2.9	73.9	68.8	86.6	+0.6	106.6	67.1	-0.7	42.4	76	-4	3.5	54.97	+4.70	60	+1.0	8.91			
Patna (173)	29.606	-0.002	..	3.7	74.7	68.2	88.0	+0.7	110.2	69.3	+0.7	42.2	71	-1	3.8	55.75	+7.22	61	+5.0	4.45			
Gaya (372)	29.407	-0.006	..	1.7	76.3	67.9	90.5	+0.8	113.2	69.7	+0.8	43.9	65	-5	2.5	54.56	+7.08	79	+21.0	4.80			
Naya Dumka (489) (n)	29.317	+0.019	..	2.0	73.6	67.9	87.7	0	109.8	66.7	-1.1	41.8	74	+1	4.1	55.45	-1.64	89	+11.1	8.18			
United Provinces, East.																							
Gorakhpur (257)	29.532	+0.006	..	2.0	72.9	67.2	88.4	+0.7	109.6	66.4	-0.3	39.7	74	-1	2.0	43.31	-6.88	59	+2.4	4.00			
Benares (250)	29.521	-0.013	..	4.3	73.9	66.7	89.4	-0.1	112.3	67.3	+0.7	40.0	69	-2	3.8	46.90	+0.35	56	+3.3	8.90			
Allahabad (309)	29.456	-0.018	..	4.4	74.9	66.0	90.7	+0.6	115.2	67.6	+0.8	38.6	63	-2	3.6	48.08	+9.02	57	+8.6	5.52			
Cawnpore (416)	29.351	-0.013	..	2.4	75.0	65.9	91.1	+1.2	114.5	67.4	+1.0	37.2	62	-4	2.4	28.98	-6.94	45	+0.5	4.80			
Lucknow (368)	29.449	-0.014	..	1.7	73.4	65.8	89.9	+0.2	113.4	66.6	+0.9	36.9	68	0	3.5	44.89	+6.32	48	-0.3	4.15			
Bethraich (407)	29.310	-0.007	..	2.9	72.4	65.7	88.8	+0.7	111.4	65.2	-0.5	36.1	70	-3	2.3	40.54	-4.76	42	-7.7	10.61			
United Provinces, West.																							
Jhansi (824)	28.955	-0.018	..	3.1	76.6	63.6	91.7	+0.5	114.5	67.5	-1.5	33.4	49	-9	2.9	24.68	-11.40	29	-17.6	4.05			
Agra (554)	29.213	-0.018	..	4.4	73.6	62.4	91.0	-0.1	114.8	64.8	+1.0	28.6	53	-6	3.2	11.10	-15.71	23	-15.0	1.44			
Maumpuri (516)	29.256	-0.004	..	2.1	73.9	64.0	91.0	+0.9	116.9	63.6	-2.0	33.4	59	-6	3.8	32.67	+5.60	39	+0.4	8.87			
Bareilly (568)	29.207	+0.004	..	1.9	71.0	64.5	89.2	+1.7	113.5	65.3	+0.6	34.5	72	-1	3.4	28.91	-14.76	43	-8.2	5.05			
Koorkee (890)	28.862	-0.013	..	2.7	70.0	62.5	87.8	+0.9	113.4	62.7	+0.5	33.4	68	-3	3.2	24.93	-17.05	39	-8.7	8.24			
Dehra Dun (2,239) (n)	27.524	-0.031	..	1.4	66.6	60.1	84.4	+3.2	107.3	61.6	+0.9	35.0	68	-2	4.0	69.08	-14.08	76	-4.3	4.09			
Punjab, East and North.																							
Delhi (718)	29.056	-0.004	..	2.9	72.6	62.6	88.5	-0.1	113.0	60.5	+2.0	36.0	58	-3	2.8	10.85	-16.40	25	-11.0	1.30			
Hissar (725)	29.037	-0.015	..	3.9	71.6	61.0	91.4	+0.1	114.6	64.7	+0.6	24.8	54	-6	1.2	12.60	-1.87	22	-1.8	3.62			
Ambala (892)	28.863	-0.013	..	3.8	70.6	61.4	89.2	+1.8	116.2	64.0	+1.8	33.2	61	-9	3.2	25.38	-5.13	43	+0.6	3.80			
Ludhiana (812)	28.949	-0.010	..	2.1	70.6	61.3	89.5	+1.7	116.9	63.9	-0.1	29.0	60	-5	2.9	16.29	-12.42	29	-7.8	3.50			
Lahore (702)	29.058	-0.009	..	1.6	70.1	62.7	88.9	-0.9	118.6	63.5	+1.5	29.0	68	+1	3.1	25.22	+6.60	27	-1.1	2.82			
Sialkot (830)	28.940	-0.002	..	1.7	69.9	61.3	87.8	+0.2	116.3	61.7	-0.7	27.1	64	-4	2.3	20.25	-10.74	34	-1.65	2.82			
Rawalpindi (1,074)	28.111	-0.003	..	2.7	67.4	58.1	84.5	+0.4	116.6	58.5	+0.8	26.7	60	-5	3.1	42.60	+8.18	58	+6.8	7.65			

(4) Mean of 9 months; (5) Mean of 11 months; (6) Mean of 8 months.
 N. B.—Elevations in feet indicate barometrical determination.

(7) Mean of 7 months.

ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.										HUMIDITY.		CLOUD.		RAINFALL.										
	Mean 8 h. reduced to 32° F. and standard gravity.		Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean 8 h.			Maximum.			Minimum.			Mean 8 h.			Mean amount 8 h.	Total of the year.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall during year.						
	1	2	3	4	5	6	Dry bulb.	7	Wet bulb.	8	Mean.	Departure from normal.	9	Highest during year.	10	Mean.	Departure from normal.	11	Lowest during year.	12	13	14	15	16	17	18	19	20	21
Punjab, South-West.																													
Khasab (612)	.	.	.	29.164	—007	.	4·1	72·2	60·1	89·1	—0·4	139·0	64·6	+0·9	30·6	49	—6	2·4	17·50	+2·61	24	+0·1	2·46						
Lyalpur (605)	.	.	.	29.162	—002	.	1·7	70·0	61·1	88·4	—0·3	115·0	62·9	+1·2	28·1	61	—4	3·9	10·10	—4·81	22	—1·1	1·41						
Montgomery (558)	.	.	.	29.200	—013	.	2·8	72·0	63·3	89·8	—1·3	115·0	64·4	+0·2	27·9	62	+9	1·8	9·09	—1·47	15	—3·1	9·86						
Multan (426)	.	.	.	29.351	+005	.	2·2	72·3	63·4	92·0	+0·3	118·7	66·4	+0·5	28·7	61	—1	2·2	15·59	+8·89	17	+4·8	2·86						
Bahawalpur (384)	.	.	.	29.444	..	.	3·2	77·1	68·4	94·0	..	117·0	69·1	..	32·2	64	—1	2·1	8·92	..	16	..	1·01						
Khanpur (297)	.	.	.	29.475	..	.	1·3	72·5	64·9	93·9	..	117·6	63·3	..	24·1	65	..	2·0	11·80	..	14	..	9·11						
Kashmir.																													
Srinagar (5,204)	.	.	.	24·869	+014	.	2·7	50·9	(a)54·2	66·9	+0·8	99·1	44·6	+0·4	0·2	(a)81	—2	4·5	28·30	+2·43	60	+1·4	2·65						
Gulmarg (8,509) (x)	.	.	.	21·785	..	.	2·5	60·4	55·1 (m)	67·8	..	78·0	48·2	..	38·6	75	..	4·1	25·83	..	86	..	4·54						
Dras (10,059)	.	.	.	20·783	+017	.	2·0	30·7	46·7 (k)	47·6	—1·8	83·1	23·2	+2·2	—34·0	(m)63	0	3·7	22·35	+0·83	61	+5·9	2·02						
Leh (11,503)	.	.	.	19·677	+004	.	2·4	37·3	41·7 (k)	(*)55·7	+0·3	82·8	29·8	+0·2	—13·0	51	+2	5·3	5·19	+2·01	18	+8·4	0·48						
Skardu (7,505)	.	.	.	22·855	+010	.	1·0	46·9	52·6	62·3	—0·8	98·5	37·7	—2·8	0·2	(k)61	+8	4·2	5·23	—1·77	14	—4·4	0·84						
Gilgit (4,800)	.	.	.	25·116	+008	.	0·4	56·5	50·1	72·3	—0·7	105·8	52·0	—0·8	20·6	61	+9	4·5	5·36	+0·55	14	—1·2	1·03						
North-West Frontier Province.																													
Peshawar (1,113)	.	.	.	28·639	—005	.	1·6	69·1	58·6	86·0	+0·5	116·3	30·9	+1·6	31·2	56	—8	3·7	17·21	+3·70	26	+0·1	2·69						
Dera Ismail Khan (619)	.	29·198	—004	..	1·9	71·1	62·3	88·5	—1·2	117·0	62·5	—0·1	25·8	61	—4	2·8	15·84	+6·25	20	+8·7	4·66								
Baluchistan.																													
Fort Sandeman (4,614)	.	.	.	25·346	+009	.	2·2	58·5	(a)54·5	80·0	—0·7	107·9	53·9	+1·1	15·1	(a)44	—10	2·0	12·47	+1·18	28	+1·7	2·58						
Quetta (5,502)	.	.	.	24·655	+020	.	4·0	51·8	(e)49·3	74·0	+1·2	100·8	46·8	+2·2	—3·0	(e)40	—18	2·6	7·88	—1·87	20	—4·2	1·31						
Chaman (4,311)	.	.	.	25·615	—017	.	4·7	61·6	(p)50·1	78·6	+0·6	105·9	56·4	+2·6	12·0	36(p)	—18	2·7	8·68	+1·46	19	—0·4	1·26						
Kalat (6,623)	.	.	.	28·694	—007	.	5·4	47·1	(e)47·7	70·4	—2·5	95·5	39·5	+2·8	8·3	54(e)	—1	2·0	7·87	+0·73	17	—1·1	1·09						
Dalbandin (2,772)	.	.	.	27·046	+002	.	4·0	62·6	(a)53·2	88·8	+1·4	113·8	55·6	+1·8	10·9	(a)31	—15	1·2	4·72	+0·89	8	—1·9	2·17						
Mirjawa (2,762)	.	.	.	27·092	..	.	6·5	60·6	(p)51·8	86·6	..	110·8	57·8	—	18·4	(p)88	..	1·2	1·35	..	8	..	0·70						
Sind.																													
Jacobabad (186)	.	.	.	29·800	+011	.	2·5	74·5	64·6	94·8	—0·9	119·7	66·7	+1·0	26·3	57	—1	1·7	6·55	+2·87	12	+4·5	2·81						
Hyderabad (96)	.	.	.	29·694	—001	.	5·1	74·9	65·9	92·2	—1·1	115·2	68·5	+0·8	30·3	60	0	2·9	28·13	+16·18	14	+4·4	2·49						
Karachi (12)	.	.	.	29·769	—000	.	8·0	75·2	69·5	93·9	—0·3	104·0	71·9	+0·5	43·9	73	0	4·7	4·18	—3·43	8	—1·8	1·48						
Rajputana, West.																													
Bikaner (771)	.	.	.	29·023	+016	.	5·6	73·8	61·4	91·4	—0·7	112·2	67·9	—1·0	31·9	47	—6	2·2	10·31	—1·48	19	—0·5	2·23						
Jodhpur (780)	.	.	.	29·012	—006	.	3·0	73·7	62·8	92·0	+0·6	113·7	68·8	+0·6	30·9	49	+1	2·6	14·32	+0·70	19	+0·1	2·54						
Rajputana, East.																													
Jaipur (1,451)	.	.	.	29·822	+011	.	2·9	58·8	42·8	90·6	—0·2	111·7	65·7	0	29·9	49	—5	2·3	24·82	+0·76	34	—1·5	1·45						
Ajmer (1,611)	.	.	.	29·800	+006	.	4·8	52·4	61·2	90·7	+0·3	108·6	64·1	+1·1	27·8	52	—10	2·2	28·43	+7·78	30	0	4·65						
Kotah (884)	.	.	.	29·822	—007	.	2·9	77·7	65·1	92·0	+0·9	113·8	68·7	+1·3	34·9	56	0	2·0	18·85	—10·38	29	—0·8	2·69						

(a) Mean of 8 months. (b) Mean of 7 months. (m) Mean of 5 months. (n) Mean of 11 months. (o) Mean of 8 months. (p) Mean of 10 months. (q) Mean of 4 months.

N.B.—Elevations in feet are based on astronomical determination.

ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of bar-cistern above sea-level in feet. 1	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.													
	Mean 8 h. reduced to 32° F. and standard gravity.	Departure from normal.	Mean direction at 8 h. 4	Mean velocity in miles per hour. 5	Mean 8 h.		Maximum-			Minimum.			Mean 8 h.		Departure from normal.		Mean account 8 h.		Total of the year.		from rainy days.		Departure normal.		Number of rainy days.		Departure normal.		Heaviest fall during year.	
					Dry bulb.	Wet bulb.	Mean.	Departure normal.	Highest during year. 10	Mean.	Departure Normal.	Lowest during year. 13	Mean 8 h.	Departure normal.	Mean account 8 h.	18	17	18	19	20	21	from rainy days.	Number of rainy days.	Departure normal.	Number of rainy days.	Heaviest fall during year.				
Gujrat.																														
Deesa (486)	29-346	-0.04	..	7-4	77-1	65-0	95-8	+1-1	116-9	66-2	-0-7	81-1	50	-7	8-0	10-18	-8-57	24	-4-7	2-02								
Bhavnagar (55)	29-460	-0-016	..	6-4	76-0	66-7	91-0	-0-1	113-0	67-4	-1-0	34-3	59	-8	2-0	16-58	+2-19	11	-5-3	8-60								
Dwarka (37)	29-789	-0-013	..	10-8	77-6	71-7	84-9	+0-5	103-3	73-3	+0-4	42-8	74	-8	4-3	10-90	-2-62	10	-6-6	6-45								
Bhuj (44)	29-374	-0-017	..	7-4	75-1	66-1	94-0	+1-1	114-1	67-1	+1-6	31-0	60	-5	5-6	27-02	+0-73	25	-6-2	6-15								
Veraval (18)	29-815	0	..	8-8	76-7	69-6	86-0	+1-2	102-2	73-1	+1-8	40-6	68	-3	3-5	7-25	-11-55	14	-11-3	1-52								
Burat (39)	29-792	-0-007	..	3-8	77-7	70-2	91-6	+0-1	107-3	71-5	+1-6	40-8	67	-3	4-4	55-45	+14-48	44	-2-7	11-13								
Bhavnagar (55)	29-763	-0-020	..	4-4	76-8	67-9	93-8	+0-2	111-6	68-8	-0-6	32-0	61	-3	3-7	23-95	+2-75	20	-6-7	5-54								
Ahmadabad (163)	29-690†	+0-001†	..	5-0	77-0	67-7	94-6	0	116-4	70-6	0	44-8	59	0	2-7	24-58	-4-25	41	+0-0	2-73								
Central India, West.																														
Neemuch (1,626)	28-198	-0-001	..	5-5	74-8	63-8	88-6	-0-2	109-3	64-5	0	82-2	54	-4	2-5	26-17	-2-02	30	-4-2	8-70								
Indore (1,821)	27-989	-0-013	..	4-0	73-5	62-5	88-3	+0-1	108-9	68-5	-0-4	26-9	58	-9	3-9	26-84	-7-78	27	-18-6	4-87								
Central India, East.																														
Nowrang (754)	29-071*	-0-001*	..	1-8	72-1	64-9	92-6	+3-8	116-7	64-6	-1-0	31-8	69	+4	3-5	30-88	-11-86	42	-6-0	2-92								
Sutara (1,041)	28-730	-0-006	..	3-1	75-3	65-0	89-9	+1-9	113-1	64-5	-1-4	38-8	58	-4	3-2	38-05	-6-72	57	+2-1	2-49								
Bihar.																														
Akola (325)	28-879	-0-012	..	3-5	76-1	65-2	94-2	+1-6	117-1	68-6	+1-2	36-5	54	-2	8-0	23-94	-7-41	34	-11-4	8-36								
Amraoti (1,215)	28-592	-0-004	..	5-7	77-9	67-4	92-3	+0-2	112-8	70-0	+0-8	43-8	58	+1	3-4	19-06	-18-99	41	-6-6	1-68								
Central Provinces, West.																														
Khandwa (1,044)	28-756	-0-015	..	5-2	74-9	64-5	93-5	+1-4	114-4	66-5	-0-6	33-0	55	-3	2-5	25-01	-4-62	28	-13-4	5-80								
Hoshangabad (1,000)	28-809	+0-001	..	2-8	73-7	63-6	91-9	+1-6	113-3	66-2	-0-6	36-6	56	-8	3-7	35-39	-13-44	41	-14-8	4-50								
Saugor (1,808)	27-981	-0-010	..	4-2	74-8	61-7	87-8	-0-1	110-4	66-0	-0-5	34-6	50	-5	3-4	51-80	+6-85	58	-2-9	4-00								
Jubbulpore (1,327)	28-446	-0-015	..	1-7	72-1	63-6	88-7	+0-4	111-1	64-1	-0-6	33-0	64	-2	3-3	60-58	+5-45	60	-3-7	6-55								
Seoni (2,033)	27-765	-0-016	..	3-2	74-1	63-3	87-2	-0-4	109-8	64-6	0	38-6	56	-6	3-7	61-80	+3-17	66	-4-2	10-57								
Majhpur (1,017)	28-787	+0-003	..	3-5	76-1	64-4	92-1	+0-1	114-8	67-0	-0-9	42-6	52	-7	4-2	44-15	-4-82	52	-10-6	3-07								
Central Provinces, East.																														
Pendra (2,040)	27-751	-0-011	..	3-4	72-4	64-5	85-2	-0-3	108-1	64-9	-0-2	35-4	67	+6	4-5	45-44	-4-63	81	+7-5	3-55								
Rajpur (970)	28-814	-0-006	..	1-6	76-5	67-6	90-6	+0-4	114-5	69-3	+0-2	43-4	64	0	4-0	79-11	+10-20	69	+6-4	4-00								
Kanker (1,800)	28-486	..	..	3-1	75-0	67-5	88-5	..	111-8	66-8	..	38-4	66	..	4-2	69-18	..	76	..	3-49							
Ghanda (324)	29-163	-0-013	..	2-5	76-8	68-5	92-0	+0-1	117-6	68-8	+0-2	39-5	67	+2	2-6	44-94	-7-85	69	+6-4	3-42								
Jadabpur (1,318)	27-976	-0-024	..	2-6	78-6	67-4	87-1	-0-2	109-4	64-8	-0-9	43-6	80	+4	5-0	94-90	+33-73	92	+6-9	7-00								

* Mean of 10 months.

† Mean of 11 months.

ANNUAL TABLE D-3 FOR 1929—*contd.**Abstract of 8 hrs. observations.*

1	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.																						
	Mean 8 h. reduced to 32° F. and standard gravity.		Departure from normal.		Mean direction at 8 h.		Mean velocity in miles per hour.		Mean 8 h.		Maximum.		Minimum.		Mean.		Departure from normal.		Highest during year.		Lowest during year.		Mean 8 h.		Departure from normal.		Total of the year.		Departure from normal.		Number of rainy days.		Departure from normal.		Heaviest fall during year.		
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21																	
Station and height of barometer above sea-level in feet.																																					
Konkan.																																					
Bombay (87)	.	.	.	29.778	—012	..	6.8	78.4	78.2	87.9	+1.3	96.5	74.7	+1.1	58.2	77	—1	4.0	59.76	—10.87	67	—5.5	6.7														
Ratnagiri (207)	.	.	.	29.621	—018	..	6.3	79.8	72.4	86.5	—0.7	96.6	73.2	0	56.2	71	—1	3.0	91.94	—8.04	98	+5.3	3.9														
Maranagao (53)	.	.	.	29.771	—024	..	4.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Karwar (44)	.	.	.	29.808	—006	..	2.5	76.2	72.7	87.1	+1.0	94.4	72.7	0	57.7	84	0	4.7	149.58	+29.41	121	+16.8	8.8														
Bombay-Deccan.																																					
Malegaon (1,430)	.	.	.	28.894	—004	..	4.6	75.9	63.9	92.6	+0.4	111.1	64.7	—0.6	30.6	51	—6	4.7	14.06	—8.17	26	—8.5	2.01														
Ahmadnagar (2,154)	.	.	.	27.658	—012	..	4.5	74.8	63.2	89.4	—0.2	107.0	63.3*	+0.8*	36.6	52	—8	3.3	19.72	—2.61	30	—6.1	3.51														
Poona (1,846)	.	.	.	27.998	—003	..	3.7	72.5	64.5	89.8	+0.3	108.0	64.5	—0.1	39.8	63	—2	4.2	21.58	—5.53	34	—13.4	3.61														
Sholapur (1,570)	.	.	.	28.281	—003	..	5.8	77.8	67.1	92.6	+1.2	108.3	69.2	+0.9	49.9	58	+3	3.8	23.99	—4.46	40	—1.3	2.92														
Bijapur (1,948)	.	.	.	27.902	+007	..	4.7	75.8	67.0	90.2	—0.4	105.1	68.3	+0.5	49.0	63	—2	4.3	25.90	+5.00	34	—2.1	3.50														
Belgaum (2,562)	.	.	.	27.303	—002	..	3.3	69.8	64.9	85.0	+0.4	99.8	65.1	+1.0	51.5	77	+6	4.9	43.90	—6.23	87	+6.1	2.56														
Hyderabad, North.																																					
Aurangabad (1,905)	.	.	.	27.933	—018	..	7.5	74.8	63.4	90.1	—0.5	108.7	67.1	+1.0	44.0	53	—2	4.9	22.95	—4.58	41	—2.6	2.93														
Nizamabad (1,248)	.	.	.	28.550	—018	..	2.3	75.8	66.8	92.6	+0.6	111.5	69.3	+0.7	44.5	68	—1	2.7	33.17	—6.91	49	—6.7	9.90														
Hyderabad, South.																																					
Gulbarga (1,503)	.	.	.	28.327	—002	..	7.6	77.5	67.1	92.8	0	109.7	69.8	+0.7	46.6	58	—5	3.5	24.67	—6.41	43	—5.8	2.25														
Raichur (1,311)	.	.	.	28.528	+008	..	6.3	78.6	70.9	93.4	+1.0	109.4	71.6	—0.3	54.0	68	+4	1.2	16.76	—11.24	34	—10.7	2.00														
Hyderabad (1,719)	.	.	.	28.115	+005	..	3.5	75.9	68.0	92.2	+1.8	110.0	70.3	+0.7	50.4	67	—2	4.7	22.58	—9.69	48	—7.1	2.65														
Hanamkonda (877)	.	.	.	28.931	—007	..	5.1	78.1	70.5	91.8	0	111.5	71.9	—0.1	50.0	69	+3	4.8	33.36	—1.06	44	—6.5	2.86														
Mysore.																																					
Chitaldrug (2,405)	.	.	.	27.457	—001	..	5.6	73.2	67.1	88.3	+1.3	101.1	68.7	+1.2	56.2	78	+3	5.5	22.68	—2.22	45	—2.1	3.00														
Bangalore (3,021)	.	.	.	26.885	+007	..	6.4	71.1	66.1	86.0	+1.4	98.1	65.0	+0.7	53.8	76	—2	6.3	31.09	—4.28	59	+0.1	2.80														
Mysore (2,518)	.	.	.	27.359	—011	..	5.6	71.5	67.1	86.3	0	98.0	66.4	+0.5	51.1	79	+3	5.4	29.98	—1.42	64	+9.2	2.66														
Malabar.																																					
Mangalore (72)	.	.	.	29.781	—009	..	4.1	70.1	74.6	87.0	—0.5	98.4	74.4	+0.8	64.4	81	+3	5.8	168.42	+37.74	140	+23.6	6.60														
Calicut (27)	.	.	.	29.837	+002	..	4.1	70.4	74.8	89.0	+2.6	95.6	74.6	0	64.9	80	—4	7.1	129.19	+12.03	120	+6.1	8.04														
Cochin (9)	.	.	.	29.655	—003	..	3.8	79.9	75.9	85.6	—2.2	91.0	75.6	+0.5	64.4	82	—2	5.7	144.68	+30.87	148	+18.6	6.66														
Trivandrum (108)	.	.	.	29.643	—017	..	4.7	78.1	75.0	88.6	—0.7	89.1	75.6	+0.6	69.0	86	—4	5.8	70.16	+14.65	111	+15.2	3.65														

* Mean of 10 months.

† Mean of 11 months.

(2) Mean of 8 months.

* Observations in Italics indicate barometrical determination.

ANNUAL TABLE D-3 FOR 1929—concl.

Abstract of 8 hrs. observations.

Station and height of bar-cistern above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.						
					Mean 8 h.			Maximum.			Minimum.										
	Mean 8 h. reduced to 32° F. and standard gravity.	from	Departure normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure normal.	Highest during year.	Mean.	Departure normal.	Lowest during year.	Mean 8 h.	Departure normal.	Mean amount 8 h.	Total of the year.	Departure normal.	Number of rainy days.	Departure normal.	Heaviest fall during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Madras, South East.																					
Pamban (37)	29.796	—007	..	7.6	81.3	76.0	86.5	—1.2	91.9	78.0	+0.5	69.4	79	—1	4.0	47.20	+10.20	64	+17.5	4.06	
Madura (468)	29.377	—004	..	3.8	80.5	73.3	93.3	—0.4	104.2	75.3	+1.1	64.2	70	—1	6.5	40.57	+6.99	57	+7.0	7.40	
Negapatam (31)	29.811	+004	..	6.8	81.4	75.6	89.2	—1.0	104.3	77.4	+1.2	68.0	76	0	5.7	54.96	—0.02	64	+8.2	4.30	
Trichinopoly (265)	29.592	—002	..	4.5	81.5	73.6	93.4	—0.9	105.6	74.6	+0.3	63.4	68	—4	5.2	32.81	—0.37	52	+5.1	3.59	
Coimbatore (1,341)	29.506	—006	..	2.8	76.3	71.8	88.2	—1.7	98.1	70.4	+0.7	58.3	80	—1	4.6	25.59	+3.30	54	+9.6	2.00	
Salem (913)	29.939	+007	..	4.7	78.0	72.3	92.7	—0.8	102.6	72.2	+1.0	57.4	75	—2	4.8	25.49	—13.81	50	—13.4	3.76	
Cuddalore (42)	29.810	+011	..	4.6	80.3	75.4	89.5	—1.0	104.8	75.3	+0.5	65.3	80	0	5.8	59.91	+6.97	62	+5.6	7.04	
Vellore (702)	29.112	—020	..	4.3	78.8	72.1	92.2	+0.3	105.6	73.7	+1.3	58.3	72	—5	4.7	32.68	—9.73	59	+2.8	3.03	
Madras (22)	29.796	—018	..	6.5	81.1	75.1	91.2	+0.1	108.1	75.5	+0.5	63.6	76	—1	5.2	52.42	+1.68	85	+7.7	4.85	
Madras-Deccan.																					
Cuddapah (428)	29.406	—001	..	(a) 4.7	81.3	72.9	94.2	—1.4	109.4	75.4	+0.9	59.0	66	—1	5.6	27.51	—3.72	49	+2.0	2.48	
Bellary (1,473)	28.953	—011	..	4.7	76.9	68.7	91.5	—1.8	104.4	71.8	+0.9	54.0	66	+5	3.8	22.69	+2.18	33	—2.3	2.09	
Kurnool (923)	28.894	—012	..	6.4	77.9	69.5	93.9	+0.1	109.5	72.0	+0.8	49.2	64	—4	5.3	22.00	—4.01	40	—6.7	1.96	
Madras Coast, North.																					
Nellore (66)	29.787	+008	..	4.0	80.4	74.3	93.3	—0.4	112.1	76.4	+1.2	64.0	75	—1	5.4	33.19	—4.70	54	+10.0	3.52	
Masulipatam (15)	29.807	—012	..	4.9	80.5	75.1	89.4	—1.1	109.8	74.9	+0.4	61.8	80	—1	4.4	32.75	—8.84	54	—0.5	2.16	
Cocanada (26)	29.790	—007	..	5.7	80.3	74.4	89.5	+0.2	111.6	74.7	—0.3	60.6	75	—3	5.5	36.15	—2.94	53	—0.9	2.88	
Vizagapatam (38)	29.747	+065	..	7.0	80.5	74.7	86.9	—0.1	101.2	76.1	+0.7	64.1	76	+3	5.6	44.51	+7.42	44	—6.0	6.54	
Calingapatam (19)	29.784	—004	..	6.4	78.8	74.8	87.5	—1.2	102.2	74.0	+0.2	55.7	83	+2	4.3	44.86	+0.65	50	—3.1	4.78	
Gopalpur (56)	29.739	—001	..	8.3	79.0	75.3	86.5	+0.4	106.8	78.6	+0.3	51.6	83	+2	4.1	50.19	+5.23	52	—4.2	7.56	
Hill Station, excluding Kashmir and Baluchistan.																					
Maymyo (8,546)	26.369	—002	..	1.5	64.9	62.3	77.5	+0.8	91.0	57.7	+1.3	33.6	87	+1	5.0	58.48	—0.14	93	+2.2	3.50	
Shillong (4,920)	25.080	+008	..	2.5	61.6	56.8	69.5	—0.4	81.0	52.9	—0.5	29.4	75	+1	5.6	93.68	+9.76	132	+8.4	7.46	
Cherrapunji (4,309)	25.623	—008	..	5.1	63.3	58.8	68.6	—0.1	82.0	57.8	+0.7	38.8	76	—5	6.6	435.97	+11.90	178	+18.8	14.26	
Darjiling (7,432)	22.903	—002	..	2.5	52.7	50.6	59.4	+0.1	73.7	48.5	+0.8	29.9	87	+2	6.8	131.97	+9.80	121	—2.2	13.17	
Mukteswar (7,592)	22.803	+011	..	5.4	53.2	47.2	61.7	—1.0	84.4	49.6	+1.7	26.3	62	+1	4.7	49.68	—2.65	64	+2.7	1.98	
Chakrata (6,922) (b)	23.350	+037	..	6.3	57.8	50.5	66.4	+2.1	87.0	51.2	+1.7	25.4	59	—5	4.5	49.15	—23.53	65	—23.5	3.23	
Simla (7,232)	23.061	+010	..	2.4	55.2	47.1	62.0	+1.3	85.4	49.8	+0.1	20.5	52	—5	4.1	55.24	—8.38	86	—1.2	3.75	
Murree (6,181)	23.933	+007	..	4.5	58.0	49.2	63.9	—0.8	92.0	52.4	+2.0	12.7	52	—4	3.4	58.66	—6.19	78	+0.9	4.81	
Uttar (4,236)	25.655	+008	..	6.6	62.3	54.9	72.2	—0.4	104.2	59.6	+8.1	28.9	63	+11	3.0	34.58	+7.07	41	—1.0	5.00	
Paro inar (6,000)	24.400	+009	..	2.5	57.9	49.4	71.0	+0.7	98.1	47.7	—0.2	8.9	51	—5	2.8	16.66	—12.80	48	—16.8	1.88	
Drosh (4,500)	..	..	..	2.6	56.1	52.1	72.5	—0.2	106.2	52.6	+0.7	18.0	75	+17	3.5	15.94	—0.81	41	+1.0	1.80
Mount Abu (3,945)	25.982	+004	..	4.7	69.1	57.0	77.0	+1.2	95.0	62.1	+0.1	30.4	48	—6	4.0	87.25	+26.49	49	—4.7	15.63	
Pachmarhi (3,528)	26.379	+002	..	3.2	69.5	60.3	80.6	+0.7	101.4	59.8	—1.2	30.6	60	—2	6.1	69.61	—7.91	74	—8.5	6.42	
Merewa (3,781)	26.169	+007	..	5.0	66.2	63.4	75.9	—0.4	89.8	61.4	+0.8	52.3	86	+1	6.5	132.67	+7.21	136	+3.6	5.70	
Kodampalai (7,688)	22.774	+007	..	6.8	57.2	51.9	64.6	—0.5	74.1	50.9	—0.1	41.3	72	+2	5.2	76.72	+14.54	122	+15.4	3.61	
Coonoor (5,780)	24.425	..	..	3.7	69.0	57.5	69.9	..	79.5	54.1	..	35.1	73	..	5.4	73.25	..	103	..	3.16
Ceylon.																					
Colombo (24)	29.836	—003	..	3.2	75.6	73.4	85.7	—1.4	91.0	74.5	—0.7	63.3	90	+5	7.5	90.00	+5.84	127	+16.0	3.13	

(a) Mean of 9 months.

(b) Mean of 11 months.

(c) Mean of 10 months.
N.B.—Elevations in feet indicate barometrical determination.

MONTHLY AND ANNUAL TABLE D.3 FOR 1929

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLIMATE		RAINFALL.					
		At 8 h. reduced to 32° F. and standard gravity.	from Normal.	Departure from Normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean.	Dry bulb.	8	Mean.	Departure from Normal.	Highest month or year.	Mean.	Departure from normal.	Lowest month or year.	Mean.	Departure from normal.	Mean amount 8 h.	Total of the month or year.	Departure normal.	Number of rainy days.	Departure normal.	Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Srimangal (Assam) (69).	January .	29.959	-0.22	..	..	59.6	57.3	78.1	-2.5	81.9	50.9	+3.1	41.9	87	-5	3.2	2.78	+2.29	6	+5.9	1.6
	February .	-903	+0.05	..	..	62.1	58.7	82.7	-0.5	90.1	49.9	-1.8	42.3	81	-7	2.0	0	-1.55	0	-2.8	0
	March .	-849	+0.14	..	..	72.0	67.2	92.4	+3.3	98.0	62.0	+1.1	48.0	77	-7	2.8	1.52	-2.73	4	-1.5	0.62
	April .	-775	+0.27	..	..	76.8	73.8	89.0	-1.7	98.1	69.6	+1.1	61.1	86	+1	5.8	14.98	+4.26	12	+0.4	2.88
	May .	-665	+0.11	..	..	79.1	75.7	90.0	-1.2	95.0	71.9	-0.1	67.2	85	0	6.0	24.93	+0.97	18	+3.9	6.68
	June .	-504	-0.32	..	..	80.7	77.9	89.5	-0.7	94.7	76.0	+0.7	71.3	88	+1	7.5	31.49	+14.44	19	-1.1	11.55
	July .	-487	-0.50	..	..	81.6	75.2	90.4	+0.1	94.1	76.5	+0.8	74.1	86	-2	6.7	10.45	-5.82	19	-2.7	1.23
	August .	-588	+0.11	..	..	79.4	77.3	89.6	-0.7	98.8	75.8	-0.2	73.0	91	+2	7.0	22.46	+9.22	22	+1.4	5.10
	September .	-718	+0.54	..	..	79.7	77.3	88.2	-2.6	98.4	75.0	0	70.4	89	+1	6.7	10.75	-1.09	17	+0.8	2.25
	October .	-830	+0.47	..	..	79.3	75.2	89.1	-0.5	92.8	70.9	+0.8	59.0	82	-6	3.8	7.53	+0.71	10	+1.6	2.86
	November .	-908	+0.35	..	..	68.7	65.6	84.5	-2.1	87.8	58.8	-0.6	51.8	64	-6	2.1	0.03	-0.88	0	-1.1	0.03
	December .	-955	+0.16	..	..	60.5	58.3	78.4	-2.5	88.9	50.8	+2.1	40.3	87	-5	3.1	0.90	+0.67	1	+0.4	0.88
	Year .	29.762	+0.10	..	..	73.3	70.2	86.8	-1.0	98.9	65.7	+0.6	40.3	85	-3	4.6	128.02	+29.49	123	+4.8	11.55
Nepakhal (Bengal) (43).	January .	29.966	-0.28	N 4° E	2.3	62.8	60.5	79.4	+1.5	88.8	59.6	+6.1	54.2	87	-1	3.8	0	-0.27	0	-0.6	0
	February .	-982	-0.15	N 15° E	-8.0	64.2	59.3	82.2	+1.4	88.3	59.5	+1.6	52.7	74	-11	2.0	0	-1.13	0	-1.6	0
	March .	-882	+0.13	S 69° E	3.9	75.0	70.9	88.3	+1.9	94.0	70.8	+2.6	62.0	81	-3	2.8	0.78	-1.87	1	-2.4	0.70
	April .	-809	+0.19	S 25° E	5.0	81.0	76.9	88.7	+0.2	93.3	75.7	+2.0	65.4	82	+1	4.7	8.29	-0.11	9	+2.7	1.66
	May .	-702	+0.01	S 21° E	6.7	85.3	80.5	90.4	+1.3	94.8	80.1	+4.2	71.7	81	-1	5.7	2.98	-8.42	6	-4.6	0.82
	June .	-543	-0.41	S 24° E	6.3	81.7	78.8	86.9	0	91.8	78.2	+1.0	72.8	87	-1	7.7	18.49	-3.00	16	-2.6	4.00
	July .	-503	-0.63	S 37° E	7.9	80.4	78.1	85.5	-0.3	90.0	78.2	+0.5	75.6	91	+1	7.9	20.32	-4.03	23	+0.4	2.88
	August .	-608	-0.06	S 43° E	6.5	80.5	78.1	85.8	+0.2	87.8	77.9	+0.5	75.4	90	0	8.0	15.20	-11.01	23	-0.4	3.14
	September .	-741	+0.28	S 52° E	3.5	80.6	78.3	86.3	-0.3	90.0	78.0	+0.5	78.2	90	0	7.0	20.83	+4.20	21	+5.1	5.00
	October .	-858	+0.16	N 66° E	2.8	80.0	76.7	87.7	+1.4	91.4	75.8	+1.0	68.5	86	-2	3.7	5.20	-3.16	8	+0.4	1.99
	November .	-935	+0.05	N 7° E	1.3	71.8	68.3	88.8	+0.8	86.8	66.9	+2.6	60.4	83	-4	2.6	0	-1.74	0	-1.8	0
	December .	-980	-0.11	N 10° E	1.0	62.8	60.4	78.5	+0.5	88.0	58.7	+0.8	50.2	87	0	2.0	9.02	-0.26	0	-0.4	0.00
	Year .	29.788	-0.07	..	4.2	75.5	78.2	86.8	+0.7	94.8	71.6	+2.8	50.2	85	-2	4.0	90.11	-80.80	107	-0.0	5.00

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet	MONTH	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD		RAINFALL.								
		At 8 h. reduced to 32° F. and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	6	7 Dry bulb.	8 Wet bulb.	Maximum.			Minimum.			13 Departure from normal.	14 Lowest month or year.	15 Mean 8 h.	16 Departure from normal.	17 Mean amount 8 h.	18 Total of the month or year.	19 Departure from normal.	20 Number of rainy days.	21 Departure from normal.	22 Heaviest fall in month or year.
									9 Mean.	10 Departure from normal.	11 Highest month or year.	12 Mean.	13 Departure from normal.	14 Lowest month or year.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
Midnapore (Bengal) (149).	January	29.856	—0.21	N	2.2	64.1	59.6	80.0	—0.8	80.4	59.8	+3.8	49.9	75	+1	5.7	2.92	+2.46	2	+1.1	1.66			
	February	.822	+0.06	N 18° W	2.1	66.5	59.6	83.1	—2.4	93.9	69.9	—1.2	49.5	65	—3	2.9	0.68	—0.54	1	—0.8	0.64			
	March	.740	+0.19	S 6° N	2.8	77.3	69.4	96.1	+1.4	109.2	70.8	+1.5	59.8	66	—1	1.5	1.01	—0.42	1	—1.5	1.01			
	April	.634	+0.19	S 9° E	3.0	83.0	76.7	100.2	—0.4	107.6	77.7	+1.8	69.7	74	+4	5.8	2.66	+0.79	4	+0.5	0.90			
	May	.494	—0.23	S 10° E	5.1	86.9	80.2	103.8	+4.3	114.8	81.5	+3.3	72.1	74	0	5.8	2.16	—3.16	5	—2.3	0.87			
	June	.372	—0.21	S 27° E	3.1	84.4	79.5	95.0	+1.6	105.7	(c) 79.6	+0.8	74.4	80	—2	7.7	9.04	—1.46	8	—5.0	2.08			
	July	.310	—0.68	S 2° W	2.6	81.2	78.7	88.2	—1.9	96.7	78.1	—0.7	73.6	89	+4	9.3	20.55	+8.02	20	+4.1	6.33			
	August	.421	—0.06	S 34° E	2.5	81.9	79.3	88.3	—1.1	92.7	78.0	—0.3	75.4	89	+2	8.9	18.41	+6.19	15	—1.4	5.71			
	September	.589	+0.46	S 45° E	1.6	83.1	79.6	90.3	+0.6	94.4	78.3	+0.4	73.2	85	—1	7.0	3.14	—5.61	7	—5.2	1.20			
	October	.708	+0.09	N 79° E	1.7	78.5	75.1	87.5	—1.9	92.7	73.4	0	65.2	85	+5	4.8	13.03	+0.39	11	+5.6	2.45			
	November	.821	+0.06	N 21° W	1.2	69.6	64.8	84.4	—0.2	88.7	62.7	—0.8	55.5	75	—4	2.3	0	—0.58	0	—1.1	0			
	December	.878	—0.06	N 11° W	1.5	63.0	59.1	77.4	—2.3	85.1	56.9	+1.7	45.3	78	+10	3.4	0.45	+0.20	3	+2.7	0.14			
	Year	29.837	—0.03	..	2.5	76.6	71.8	89.5	—0.3	114.8	71.4	+0.9	45.3	78	+2	5.4	74.03	+14.98	77	—3.8	6.33			
Khulna (Bengal) (16).	January	29.987	..	N 56° E	2.2	64.5	60.2	79.6	..	85.1	57.6	..	48.9	77	..	4.5	0.61	..	2	..	0.30			
	February	.945	..	N 6° W	2.0	65.5	60.0	81.9	..	89.7	57.9	..	50.8	71	..	4.6	0.23	..	2	..	0.12			
	March	.875	..	N 84° W	3.7	76.1	70.5	91.4	..	97.1	68.2	..	58.3	75	..	2.7	1.75	..	1	..	1.75			
	April	.790	..	S 8° W	5.1	81.7	77.2	92.3	..	97.0	74.3	..	66.3	81	..	7.5	5.87	..	8	..	1.57			
	May	.668	..	S 12° E	6.3	85.5	81.0	93.4	..	96.3	78.5	..	72.7	82	..	8.8	2.00	..	4	..	1.04			
	June	.517	..	S 24° E	4.3	83.1	80.0	89.8	..	95.3	78.6	..	75.2	87	..	9.8	12.23	..	16	..	1.75			
	July	.469	..	S 23° E	4.5	81.5	78.9	87.2	..	94.0	78.1	..	75.2	88	..	8.8	17.91	..	22	..	4.40			
	August	.576	..	S 52° E	4.4	81.4	78.7	87.3	..	90.6	78.1	..	75.4	88	..	7.1	10.17	..	20	..	2.71			
	September	.731	..	S 13° E	2.2	82.5	79.2	88.7	..	93.8	77.8	..	74.8	86	..	6.8	12.45	..	11	..	6.89			
	October	.849	..	N 79° E	2.1	80.7	76.1	87.5	..	91.6	74.1	..	66.8	80	..	3.6	5.68	..	7	..	1.65			
	November	.946	..	N 22° W	1.3	73.0	68.8	84.5	..	89.4	64.8	..	58.0	78	..	2.1	0	..	0	..	0			
	December	.997	..	N 4° W	1.9	63.2	59.6	76.9	..	85.1	56.8	..	44.7	79	..	2.8	9.23	..	1	..	0.20			
	Year	29.778	..	..	3.3	76.5	72.5	86.7	..	97.1	70.4	..	44.7	81	..	5.6	79.98	..	94	..	6.39			

(b) Mean of 39 days. (c) Mean of 29 days. (f) Mean of 36 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD		RAINFALL.					
		At 8 h. reduced to 32° F. and standard gravity.	from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean 8 h.			Maximum.			Minimum.			Mean 8 h.	from normal.	Total of the month or year.	from normal.	Number of rainy days.	from normal.	in fall month or year.
						3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Satkhira (Bengal).	January .	30.000	..	N 4° W	1.0	60.0	59.3	81.2	..	86.0	56.3	..	46.1	90	..	4.2	0.69	..	2	..	0.48
	February .	29.946	..	N 5° E	1.5	62.4	59.4	83.2	..	90.8	(e) 57.3	..	48.9	83	..	2.7	1.05	..	2	..	0.64
	March .	-876	..	S 86° W	2.6	75.7	70.4	93.1	..	102.7	67.9	..	53.2	76	..	1.1	2.27	..	1	..	2.27
	April .	-788	..	S 43° W	3.7	82.9	78.1	94.5	..	100.9	(d) 76.0	..	64.6	80	..	5.4	4.70	..	5	..	1.01
	May .	-658	..	S 36° W	4.9	87.4	81.6	97.0	..	100.9	79.5	..	78.4	77	..	4.8	2.70	..	6	..	0.72
	June .	-518	..	S 23° W	3.7	84.3	80.8	91.0	..	100.4	78.6	..	74.5	86	..	7.4	10.62	..	15	..	2.22
	July .	-461	..	S 11° E	3.0	81.5	79.2	87.2	..	95.8	78.2	..	71.8	90	..	8.8	13.84	..	24	..	1.78
	August .	-570	..	S 42° E	3.1	82.4	79.9	88.4	..	91.7	(b) 78.7	..	76.0	89	..	7.7	6.40	..	20	..	0.68
	September .	-733	..	S 4° W	1.4	88.2	79.7	90.3	..	93.9	78.1	..	74.2	85	..	5.1	11.20	..	9	..	3.63
	October .	-852	..	S 88° E	1.2	79.5	76.3	88.9	..	94.1	(g) 72.4	..	65.4	86	..	4.0	4.06	..	8	..	0.98
	November .	-949	..	N 8° W	0.8	68.8	66.7	85.9	..	89.3	62.0	..	54.4	89	..	2.1	0	..	0	..	0
	December .	30.004	..	N 12° E	1.1	60.1	58.4	78.7	..	84.6	58.9	..	43.5	90	..	1.3	0.19	..	1	..	0.19
	Year .	29.779	..	..	2.3	75.7	72.5	88.3	..	102.7	69.0	..	43.5	85	..	4.5	57.80	..	93	..	3.68
Asansol (Bengal) (414).	January .	29.572	..	..	..	59.7	56.2	77.0	..	82.7	54.2	..	44.3	78	..	3.8	0.52	..	2	..	0.33
	February .	-540	..	..	..	62.3	55.2	81.3	..	98.7	55.3	..	45.6	68	..	2.8	0.74	..	3	..	0.42
	March .	-458	..	..	..	74.9	64.8	94.7	..	106.6	65.8	..	57.3	57	..	2.0	1.02	..	2	..	0.69
	April .	-360	..	..	..	82.6	72.6	100.7	..	100.9	74.8	..	68.2	61	..	4.8	0.20	..	1	..	0.10
	May .	-209	..	..	..	87.4	79.6	108.6	..	114.1	80.5	..	73.3	70	..	3.3	0.95	..	4	..	0.32
	June .	-001	..	..	..	84.8	78.3	96.5	..	106.1	79.5	..	74.5	74	..	7.0	8.92	..	8	..	3.41
	July (k) .	-024	..	..	..	82.1	79.2	89.9	..	99.6	77.9	..	73.8	88	..	8.7	18.68	..	20	..	2.48
	August (p) .	-184	..	..	..	80.4	78.1	87.5	..	90.4	76.8	..	74.5	90	..	7.8	14.76	..	22	..	1.66
	September .	-318	..	..	..	81.8	78.6	90.4	..	96.1	77.0	..	72.3	86	..	6.6	8.97	..	6	..	1.83
	October .	-487	..	..	..	76.5	73.7	86.6	..	91.9	71.3	..	61.2	87	..	4.3	11.99	..	13	..	3.90
	November .	-547	..	..	..	65.9	61.6	83.8	..	89.6	58.7	..	50.8	77	..	1.4	0	..	0	..	0
	December .	-509	..	..	..	58.8	56.1	(g) 70.4	..	88.1	58.5	..	44.5	88	..	3.3	1.64	..	4	..	1.17
	Year .	29.861	..	..	..	74.8	69.5	88.8	..	114.1	68.8	..	44.8	76	..	4.6	68.89	..	85	..	3.90

(b) Mean of 30 days. (d) Mean of 28 days. (e) Mean of 27 days. (g) Mean of 22 days. (g) Mean of 15 days. (k) Mean of 21 days. (p) Mean of 16 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD		RAINFALL.					
		At 8 h. reduced to 32° F. and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest month or year.	Minimum.	Departure from normal.	Lowest month or year.	Mean 8 h.	Departure from normal.	Total of the month or year.	Number of rainy days.	Departure from normal.	Heaviest fall in month or year.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kalimpong (Bengal) (3,233)	January .	26.040	..	N 61° W	7.4	49.2	46.1	58.6	..	63.4	45.7	..	41.2	79	..	0.8	1.32	..	5	..	0.69
	February .	-002	..	N 65° W	7.5	52.3	48.4	62.2	..	68.7	48.3	..	41.5	76	..	2.1	0.42	..	1	..	0.86
	March .	-005	..	N 70° W	8.3	61.4	56.2	70.8	..	77.7	55.8	..	47.1	73	..	3.0	2.53	..	7	..	0.71
	April .	25.945	..	N 63° W	7.7	64.7	60.4	72.7	..	78.7	59.8	..	51.1	79	..	4.9	4.41	..	6	..	1.54
	May .	-861	..	N 68° W	6.5	68.4	66.4	74.7	..	80.9	63.8	..	58.1	91	..	5.6	3.53	..	9	..	1.04
	June .	-743	..	S 37° E	5.9	70.3	68.9	75.5	..	78.9	66.8	..	63.9	94	..	8.2	18.04	..	22	..	3.03
	July .	-722	..	S 30° E	4.6	71.1	69.6	75.8	..	79.9	68.0	..	65.1	94	..	7.9	18.11	..	24	..	2.94
	August .	.808	..	S 14° W	5.0	70.7	69.2	75.7	..	79.9	67.1	..	64.7	93	..	7.7	17.54	..	28	..	2.61
	September .	-937	..	N 60° W	5.7	69.0	66.8	75.3	..	79.9	65.0	..	61.2	89	..	5.2	10.92	..	11	..	8.11
	October .	26.053	..	N 63° W	5.8	64.5	62.7	70.6	..	75.4	59.9	..	54.7	90	..	3.9	23.12	..	12	..	8.12
	November .	-102	..	N 72° W	5.2	59.0	56.3	65.9	..	69.5	54.9	..	49.5	84	..	2.2	0.27	..	1	..	0.13
	December .	-088	..	N 56° W	5.9	51.5	49.4	58.6	..	65.3	47.5	..	41.4	86	..	4.6	0.60	..	2	..	0.24
	Year .	25.942	..	..	6.3	62.7	60.0	69.7	..	80.9	58.5	..	41.2	86	..	4.7	100.81	..	123	..	8.12
Puri (Orissa) (20)	January .	29.059	-043	N 4° E	6.5	69.8	65.7	80.0	-0.3	86.1	56.0	+2.5	58.1	79	-4	4.7	0.63	+0.88	2	+1.5	0.83
	February .	-926	-015	N 2° E	6.4	71.7	67.8	81.9	-1.3	87.2	67.3	-1.8	57.6	79	-2	3.3	0.20	-0.66	1	0	0.18
	March .	-866	+007	S 45° W	12.8	80.4	75.5	85.9	-0.6	89.1	76.4	+1.1	68.8	79	-4	3.0	0	-0.55	0	-1.1	0
	April .	-781	+013	S 42° W	14.1	83.0	79.9	87.6	-0.2	101.8	80.2	+1.6	73.1	86	+1	5.4	0.11	-0.57	0	-1.3	0.00
	May .	-643	-017	S 28° W	15.2	85.1	82.0	88.6	-1.4	91.0	81.9	+1.1	74.8	87	+2	5.3	0.60	-2.23	1	-2.4	0.57
	June .	-505	-032	S 48° W	15.4	84.5	80.5	88.8	-0.7	92.2	79.7	-0.9	74.2	88	-2	6.8	7.67	+0.86	15	+6.9	2.19
	July .	-473	-054	S 63° W	13.4	82.0	78.5	85.8	-1.9	91.1	77.9	-1.9	73.1	85	-1	7.5	8.00	-2.08	14	+2.1	1.96
	August .	-544	-026	S 72° W	9.6	82.1	79.1	86.7	-1.1	93.0	78.5	-1.0	73.6	87	+1	6.8	11.43	-0.88	13	0	2.68
	September .	-701	+030	N 45° E	6.4	88.8	79.3	88.7	-0.2	92.2	78.9	-0.8	75.8	88	-1	5.7	8.59	-0.24	10	-1.6	2.76
	October .	-813	-010	N 24° E	7.2	79.8	75.7	86.8	-2.4	91.8	75.0	-2.1	68.9	82	0	4.5	12.45	+5.61	12	+4.9	2.56
	November .	-934	-005	N 2° W	5.3	72.7	66.8	84.6	-0.8	88.4	67.7	-1.6	59.9	72	-7	3.1	0	-3.72	0	-2.4	0
	December .	-974	-034	N 9° E	7.1	68.1	64.3	79.6	-1.1	83.9	63.4	+1.3	52.8	80	+2	2.8	0.36	+0.06	1	+0.6	0.36
	Year .	29.760	-015	..	9.9	78.5	74.6	85.4	-0.9	101.8	74.4	-0.2	52.8	82	-1	4.9	50.84	-4.52	69	+7.3	2.88

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.					
		At 8 h. reduced to 32° F. and standard gravity.	from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean	8 h.	Maximum.	Minimum.	Mean	Departure from normal.	Highest month or year.	Lowest month or year.	Mean 8 h.	Departure from normal.	Total amount 8 h.	from rainy days.	Number of rainy days.	Departure from normal.	Heavy rainfall month or year.	In
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Angul (Orissa) (455).	January . .	29.526	—0.41	N 73° W	3.5	61.8	59.9	82.9	+1.1	88.3	58.4	+2.8	48.4	88	+12	5.7	0.49	+0.03	2	+1.1	0.28
	February . .	29.497	+0.04	N 48° W	3.3	65.0	60.8	84.5	—2.1	95.7	60.4	—0.9	53.0	78	+5	3.2	1.20	—0.20	1	—1.3	1.14
	March . .	29.432	+0.09	N 63° W	4.5	74.7	69.0	97.1	+2.1	106.5	69.1	+1.5	61.1	74	+9	3.0	0	—0.99	0	—2.2	1.0
	April . .	29.345	+0.22	N 53° E	5.0	82.6	73.5	102.3	+0.9	110.0	77.7	+3.3	71.4	63	—3	4.7	0.70	—0.60	2	—0.7	0.81
	May . .	29.198	—0.13	S 54° E	6.8	87.1	78.0	106.8	+3.8	113.0	81.2	+2.8	71.2	69	0	4.7	0.18	—1.80	1	—3.7	0.10
	June . .	29.075	—0.16	N 45° E	5.8	83.7	77.0	96.6	+2.7	105.2	78.7	+0.7	72.0	73	—6	7.0	5.31	—3.54	14	+0.9	1.15
	July . .	28.939	—0.49	N 81° W	6.6	78.5	75.7	86.0	—2.5	97.6	75.6	—1.7	71.2	86	+3	9.3	17.64	+6.65	18	+3.6	3.88
	August . .	28.720	—0.08	N 63° W	5.6	79.1	76.3	86.8	—0.5	91.0	76.2	—0.7	72.0	86	+1	8.8	13.96	+3.18	16	+1.5	4.09
	September . .	28.528	+0.42	N 81° W	3.4	79.3	76.9	89.7	+0.9	93.2	76.4	+0.1	72.8	89	+4	8.5	5.87	—0.21	10	—0.5	1.74
	October . .	28.390	0	N 36° W	3.3	74.6	71.9	86.8	—2.2	91.2	70.1	—1.8	60.8	88	+8	5.1	11.17	+7.51	8	+2.7	4.64
	November . .	28.315	+0.15	N 66° W	3.2	64.9	61.7	84.2	+0.1	88.5	58.2	—4.2	48.3	84	+8	2.4	0	—1.11	0	—1.2	0
	December . .	28.247	—0.20	N 75° W	3.2	61.8	59.8	80.0	+0.4	87.5	58.1	+3.7	45.2	88	+13	4.3	0.66	+0.45	1	+0.5	0.55
	Year . .	28.330	—0.05	..	4.5	74.4	70.1	90.3	+0.4	113.0	70.0	+0.5	45.2	81	+5	5.6	57.18	+9.35	73	+0.7	4.64
Dantongan (Oh. Nagpur) (725).	January . .	29.271	—0.25	N 67° E	2.0	53.8	52.1	74.4	—1.8	83.7	50.0	+2.7	39.6	88	+4	3.8	1.81	+0.95	6	+4.2	0.47
	February . .	29.245	+0.13	S 79° E	2.1	56.2	52.5	77.7	—2.2	88.8	51.6	+0.1	41.6	76	—2	1.4	0.49	—0.70	1	—1.3	0.44
	March . .	29.148	+0.11	S 85° E	2.8	70.1	59.6	92.9	+2.4	103.7	61.4	+2.0	50.5	52	—8	0.8	0.15	—0.54	1	—0.8	0.16
	April . .	29.045	+0.22	S 80° E	3.8	83.3	66.7	101.8	—0.1	107.7	73.5	+3.4	62.0	39	—7	2.0	0.10	—0.31	0	—0.9	0.06
	May . .	28.881	—0.81	S 76° W	3.9	91.0	69.7	108.0	+2.6	112.0	80.1	+1.4	71.6	29	—20	1.8	0.36	—0.26	1	—0.4	0.36
	June . .	28.763	—0.25	S 45° W	5.1	88.1	75.9	100.8	+1.0	108.5	82.4	+1.8	73.9	56	—11	3.9	3.41	—3.21	6	—3.0	1.08
	July . .	28.743	—0.96	S 61° W	4.5	81.1	77.0	89.1	—2.4	100.6	77.9	—0.8	74.5	58	0	6.5	14.27	+2.41	15	+0.3	2.76
	August . .	28.641	+0.11	W	3.7	79.3	76.2	86.8	—2.8	91.1	76.4	—0.5	74.1	87	0	5.9	12.17	—0.98	18	+1.5	2.25
	September . .	29.006	+0.050	S 16° E	2.6	81.5	76.8	91.6	+1.4	94.4	76.4	+1.3	73.8	78	—6	2.8	3.48	—0.21	6	—2.9	1.62
	October . .	28.127	+0.03	N 7° E	2.5	72.5	69.2	85.6	—4.0	90.6	63.2	+2.2	57.6	84	+4	3.2	7.39	+5.40	11	+7.8	1.67
	November . .	28.050	—0.08	N 88° E	1.7	58.7	55.8	82.7	—0.3	87.0	54.1	0	45.3	81	+1	0.7	0	—0.37	0	—0.6	0
	December . .	28.238	—0.20	W	1.6	64.0	51.7	72.4	—4.2	85.4	49.8	+3.7	30.1	85	+2	2.8	2.10	+2.00	4	+3.6	0.71
	Year . .	29.951	—0.02	..	3.0	72.5	65.4	86.6	—0.9	112.0	66.6	+1.5	30.1	79	—8	2.8	45.82	+1.17	59	+7.5	2.78

(b) Mean of 80 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of baro- meter above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.			
		At 8 h. reduced to 30° F. and standard Gravity.	Departure from Normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean 8 h.	Maximum.			Minimum.			Mean 8 h.	Departure from Normal.	Mean amount 8 h.	Total of the month or year.	Departure from Normal.	Number of rainy days.	Departure from Normal.	Heaviest fall in month or year.	
							8	4	5	7	8	9	10	11	12	13	14	15	16	17	18	19
Pusa (Bihar) (188).	January .	29.617	+035	S 16° W	2.0	53.9	52.5	72.1	-2.7	76.5	51.1	+8.8	45.6	91	+3	2.0	1.25	+1.07	3	+2.4	0.57
	February .	27.78	+006	S 27° W	2.3	55.2	52.7	78.1	-1.1	86.0	50.7	-0.8	42.5	84	+3	1.8	0	-0.78	0	-1.6	0
	March .	26.72	+003	S 85° E	2.1	69.8	64.1	91.0	+1.0	102.2	62.6	+3.8	50.6	72	+11	1.0	1.27	+0.79	1	-0.4	1.21
	April .	25.76	+004	N 73° E	3.4	80.2	71.0	98.2	+0.4	106.6	72.7	+4.2	65.8	85	+8	3.4	0.19	-0.57	1	-0.6	0.12
	May .	24.86	+041	N 80° E	4.1	84.6	77.8	102.5	+3.2	110.6	78.6	+4.1	70.7	71	+4	3.0	0.49	-1.36	2	-1.1	0.31
	June .	22.94	+059	N 81° E	3.2	83.4	79.7	98.7	-0.9	90.0	79.3	+1.9	73.5	84	+3	7.7	6.47	-2.41	9	-0.2	1.64
	July .	22.56	+082	N 74° E	3.1	83.4	80.7	90.9	-0.2	98.7	79.0	+1.6	76.6	83	0	8.0	8.96	-2.13	16	+1.9	1.54
	August .	23.81	+027	N 82° E	2.5	83.1	80.8	90.4	+0.4	94.1	79.8	+1.6	77.2	90	+2	8.6	9.76	-5.18	15	+0.9	2.23
	September .	25.12	+013	N 77° E	1.5	83.0	80.1	91.9	+1.5	96.4	78.2	+1.1	73.4	86	+2	4.1	10.05	+2.41	7	-2.4	2.95
	October .	26.46	+020	E	1.8	75.0	73.3	84.2	-5.4	91.2	71.2	+0.8	63.8	92	+9	4.6	10.51	+9.02	9	+6.6	2.65
	November .	27.53	+038	S 18° W	0.8	64.1	62.4	82.2	-1.2	85.0	60.1	+2.2	53.1	91	+7	0.6	0	-0.26	0	-0.4	0
	December .	28.04	+049	S 66° W	0.2	55.9	54.7	72.2	-3.6	79.8	52.4	+3.6	44.1	92	+5	3.4	8.15	+2.05	3	+2.8	1.13
	Year .	29.675	+028	..	2.3	72.6	69.2	87.3	-0.7	110.6	68.1	+2.4	42.5	84	+5	4.1	61.12	+2.57	66	+7.0	2.95
Patiala (Punjab) (318).	January(b)	29.183	+003	N 14° W	(c)	48.6	46.4	68.7	+0.6	75.6	45.9	+1.9	32.6	82	+2	3.5	0.60	-0.73	2	-0.6	0.50
	February .	31.56	+032	N 39° W	(f)	50.9	46.6	72.2	+0.6	85.2	47.8	-0.6	33.8	72	-3	3.0	0	-1.26	0	-2.1	0
	March .	30.71	+037	N 72° E	1.6	66.9	57.8	91.1	+8.6	100.2	60.4	+3.6	50.9	86	-7	2.1	0	-1.22	0	-2.4	0
	April .	28.075	+049	N 45° E	2.2	78.2	65.7	97.9	+4.1	106.2	21.8	+4.7	62.8	49	0	3.6	0.89	+0.80	1	-0.5	0.60
	May(b) .	27.76	+036	N 72° E	2.7	86.2	68.0	106.1	+4.0	115.1	78.0	+2.0	60.2	(o) 40	-6	3.8	0.15	-0.54	1	-0.7	0.15
	June .	26.71	+022	S 47° E	(e)	87.8	74.5	104.9	+3.1	114.2	82.8	+1.4	70.0	53	-6	3.1	0.70	-1.82	3	-0.5	0.30
	July .	26.50	+023	S 52° E	2.5	84.0	78.0	97.1	+1.9	110.8	79.0	0	74.2	77	0	5.9	4.24	-1.83	9	+0.9	1.82
	August .	27.75	+041	S 51° E	(e)	80.7	76.9	91.4	-1.4	99.5	77.0	-0.9	74.0	84	+3	7.3	4.60	-2.00	11	+2.8	1.02
	September(d) .	28.20	+065	S 15° E	(f)	81.9	74.8	96.1	+5.0	101.4	74.1	+1.4	72.2	(h) 71	-3	1.3	0.20	-4.34	1	-3.5	0.20
	October (d) .	29.047	+020	S 34° E	(g)	72.6	63.6	93.1	+2.0	98.7	64.9	+1.9	56.3	60	-4	0.7	0	-0.72	0	-0.9	0
	November (d) .	24.43	+009	N 6° E	(h)	59.5	52.8	83.8	+2.6	90.8	53.2	+1.6	45.0	63	-4	1.6	0	-0.15	0	-0.8	0
	December .	19.99	+002	N 4° E	1.5	50.4	47.6	66.4	-4.7	79.1	47.1	+2.8	38.0	82	+4	4.8	1.75	+1.42	4	+2.9	0.80
	Year .	28.065	+013	..	2.2	70.6	62.7	89.2	+2.2	115.1	65.4	+1.7	32.6	66	-2	3.4	13.22	-12.89	33	-4.9	1.82

(b) Mean of 30 days.

(c) Mean of 30 days.

(d) Mean of 23 days.

(e) Mean of 25 days.

(f) Mean of 27 days.

(g) Mean of 17 days.

(h) Mean of 26 days.

(i) Mean of 26 days.

(j) Mean of 26 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of bar- ometer above sea level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.					
		At 8 h reduced to 32° F. and standard gravity.	from normal.	Mean 8 h.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Maximum.	Departure from normal.	Highest in month or year.	Mean.	Departure from normal.	Lowest in month or year.	Mean 8 h.	Departure normal.	Mean amount 8 h.	Total of the month or year.	Departure normal.	Number of rainy days.	Departure normal.	Heavyest month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Hansi (Punjab)	January .	29.281	..	N 75° W	1.8	47.9	(b) 44.7	71.2	..	84.1	42.0	..	27.2	(b) 73	..	1.4	0.70	..	3	..	0.29
	February .	.255	..	N 69° W	1.7	52.8	47.8	74.4	..	89.4	45.0	..	30.3	67	..	1.2	0	..	0	..	0
	March(b)	.143	..	S 72° E	1.6	70.7	60.1	93.7	..	103.8	57.1	..	44.0	52	..	0.1	0	..	0	..	0
	April .	.055	..	S 25° W	(d) 1.7	81.5	(c) 67.8	98.4	..	106.9	(z) 65.7	..	58.3	(e) 47	..	1.5	0.77	..	4	..	0.29
	May .	28.889	..	W	1.4	90.8	73.1	107.6	..	118.5	76.9	..	65.4	42	..	0.8	0.38	..	2	..	0.21
	June .	.746	..	S 8° W	2.3	90.9	76.6	106.8	..	113.1	(c) 84.1	..	71.3	51	..	1.5	0.93	..	1	..	0.90
	July .	.739	..	S 76° E	1.6	84.7	77.8	97.8	..	109.5	79.3	..	72.0	74	..	4.6	10.90	..	8	..	3.88
	August .	.840	..	S 39° W	2.3	82.7	77.8	94.7	..	99.8	77.8	..	73.0	80	..	5.6	1.84	..	4	..	0.77
	September .	.998	..	S 78° W	0.6	82.1	71.7	99.7	..	103.6	..	..	..	69	..	0.6	0.58	..	2	..	0.47
	October .	29.185	..	S 77° E	3.2	78.6	62.5	95.9	..	109.3	..	..	..	50	..	0.1	0	..	0	..	0
	November .	.252	..	W	(i) 0.8	59.8	50.1	86.8	..	94.4	..	..	..	45	..	1.4	0	..	0	..	0
Bahawalpur (Punjab)	December .	.292	..	N 45° W	3.0	48.1	45.2	69.8	..	84.2	..	..	..	79	..	5.0	0.67	..	2	..	0.32
	Year .	29.052	..	..	1.8	72.1	62.9	91.4	..	113.6	(y) 66.0	..	27.2	60	..	1.9	16.77	..	26	..	3.88
	January .	..	..	N 60° E	1.4	43.4	(c) 41.5	70.8	..	80.5	38.4	..	25.0	(c) 78	..	2.9	0.28	..	1	..	0.28
	February .	..	..	N 56° E	1.9	52.6	48.0	73.9	..	90.8	44.7	..	30.2	69	..	4.3	0.04	..	0	..	0.04
	March .	29.491	..	N 85° E	2.1	68.2	60.4	94.4	..	103.4	57.8	..	45.8	61	..	2.3	0	..	0	..	0
	April .	.882	..	S 70° W	2.5	81.5	69.8	100.7	..	108.7	69.6	..	58.2	52	..	2.0	0.03	..	0	..	0.03
	May .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	June .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	July .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	August .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	September .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	October .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	November .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	December .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Year .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

(i) Mean of 22 days.

(b) Mean of 30 days.

(c) Mean of 29 days.

(d) Mean of 28 days.

(y) Mean of 7 months.

(z) Mean of 8 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.				RAINFALL.				
		At 8 h. reduced to 32° F. and standard gravity.		from	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean	Dry bulb.	Wet bulb.	Mean	Maximum.	Highest month or year.	Mean	Minimum.	Mean	Departure from normal.	Mean amount 8 h.	Total of the month or year.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month or year.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
J a m n a g a r (Gujarat) (61).	January .	29.988	+.005	N 22° E	(c)	6.8	58.1	54.3	70.4	-3.0	83.3	48.0	-4.8	37.1	70	+13	1.8	0.78	+0.73	1	+0.8	0.78
	February .	.954	+.010	N 3° E	6.9	63.4	61.0	81.3	-1.2	92.7	53.1	-2.6	36.3	87	+23	2.4	0	-0.10	0	-0.2	0	
	March .	.852	-.015	S 71° W.	7.0	76.1	73.1	94.2	+4.2	100.7	63.3	-0.1	54.3	86	+18	0.9	0	-0.15	0	-0.2	0	
	April .	.779	+.002	S 89° W	7.2	83.5	81.8	97.1	+2.1	104.0	72.3	+2.0	65.9	93	+23	2.6	0	-0.04	0	0	0	
	May .	.709	+.030	N 86° W	9.4	87.6	81.5	98.3	+0.6	107.9	77.7	+1.0	72.7	76	+9	3.1	0	-0.09	0	-0.2	0	
	June .	.528	-.004	S 74° W	11.9	87.9	84.7	96.6	+0.6	102.3	81.0	+1.0	72.1	88	+18	(d)	7.1	1.09	-1.72	1	-2.0	0.97
	July .	.502	-.002	S 66° W	10.3	84.1	81.9	91.1	-0.1	98.1	79.2	+0.6	74.1	92	+15	(i)	7.2	27.80	+19.31	5	-2.7	13.19
	August .	.610	+.035	S 76° W	9.5	80.8	78.8	86.9	-1.1	96.3	75.8	-0.9	71.7	92	+11	7.2	4.42	-1.23	6	-0.6	1.60	
	September .	.748	+.044	N 80° W	6.1	82.5	80.4	89.7	+0.3	101.7	73.6	-0.6	70.1	91	+13	4.7	0	-2.17	0	-2.5	0	
	October .	.852	+.026	N 69° W	6.2	81.6	73.5	92.6	-1.1	101.9	70.1	-0.5	60.7	67	-1	3.1	0	-0.46	0	-0.5	0	
	November .	.904	-.015	N 44° E	..	76.0	63.6	91.2	+1.7	97.5	61.8	-0.8	50.1	47	-12	3.5	0	-0.01	0	0	0	
	December .	.971	-.005	N 22° E	(j)	4.0	62.4	54.1	77.3	-4.3	89.7	51.5	-3.4	42.1	58	+2	8.1	1.70	+1.66	1	+0.9	1.68
	Year .	29.782	+.008	..	(z)	7.8	77.0	72.4	88.4	-0.1	107.9	67.4	-0.7	36.3	79	+11	8.9	85.79	+15.73	14	-7.2	13.19
H a s s a n (Mysore) (3,149).	January .	26.832	-.012	S 77° E	2.7	66.7	60.3	84.0	+1.0	87.8	57.4	+1.5	48.9	69	-5	2.5	0.07	0	0	-0.3	0.07	
	February .	.810	-.018	S 76° E	3.2	70.6	64.0	87.7	+1.2	92.9	62.1	+3.6	58.6	70	0	3.1	0.07	-0.10	0	-0.4	0.07	
	March .	.801	0	S 45° E	4.3	73.3	64.9	92.8	+1.6	98.0	63.4	+1.0	58.3	64	-2	1.5	0	-0.33	0	-0.6	0	
	April .	.772	+.013	S 84° W	3.9	73.5	69.1	89.3	-3.0	96.0	67.4	+0.7	64.8	80	+9	5.6	4.99	+2.98	10	+6.2	1.36	
	May .	.725	0	N 85° W	5.8	75.4	70.1	89.4	+0.5	94.4	68.3	+1.2	64.8	77	+1	5.7	3.06	-1.63	7	-0.2	0.72	
	June .	.663	-.006	S 73° W	8.7	70.9	67.5	78.9	-1.6	86.1	66.1	0	64.3	84	0	8.5	4.78	+0.77	12	+1.9	1.02	
	July .	.685	+.014	S 74° W	8.9	69.8	67.2	77.2	-0.4	81.0	65.6	+0.3	63.9	87	0	8.5	7.79	+2.39	14	+1.7	3.25	
	August .	.719	+.016	S 86° W	7.9	70.5	66.7	80.2	+1.7	85.0	64.7	-0.1	62.5	82	-4	7.8	1.26	-2.40	4	-4.0	0.24	
	September .	.732	-.001	N 82° W	5.2	70.8	67.2	82.2	+1.5	86.6	65.5	+1.0	62.2	83	-1	6.5	7.19	+2.02	11	+2.5	2.43	
	October .	.785	+.016	N 26° W	4.5	71.5	67.2	82.4	+0.4	86.2	64.7	+0.4	59.6	80	-2	6.2	4.61	-2.06	5	-4.4	3.88	
	November .	.803	-.001	N 88° E	3.2	70.1	65.5	82.0	+2.0	84.4	61.9	+1.1	56.1	78	0	4.9	8.00	-0.38	5	-0.1	1.56	
	December .	.829	-.008	E	3.7	68.0	63.1	82.7	+2.8	85.6	59.3	+2.9	52.9	76	-1	5.1	0.20	-0.47	2	+1.2	0.10	
	Year .	26.763	0	..	5.2	70.9	66.1	84.1	+0.8	98.0	63.9	+1.2	48.9	77	-1	5.5	37.02	+1.60	70	+2.9	3.88	

(c) Mean of 29 days. (x) Mean of 11 months. (d) Mean of 23 days. (i) Mean of 22 days. (f) Mean of 26 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.*		TEMPERATURE.										HUMIDITY.		CLOUD.		RAINFALL.			
		At 8 h. reduced to 32° F. and standard gravity.	from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean 8 h.	Dry bulb.	8 Wet bulb.	Mean.	Maximum.	Departure from normal.	Highest month or year.	Minimum.	Departure from normal.	Lowest month or year.	Mean 8 h.	Departure from normal.	Total amount 8 h.	Total of the month or year.	from rainy days.	Departure from normal.	Heaviest fall in month or year.	In
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
P. V. Frazer (Bay Islands) (8).	January . .	29.971	—049	N 54° E	1	73.2	67.2	..	..	..	..	..	..	..	..	72	—1	4.2	0.14	—0.08	1	+0.3	0.14
	February . .	.928	—035	N 6° W	..	73.7	67.5	..	..	..	..	..	..	..	..	71	—7	3.0	0.44	—0.22	1	—0.1	0.38
	March . .	.874	—008	S 75° W	1	80.1	75.4	..	..	..	..	..	..	..	..	79	—3	8.7	0.79	+0.08	1	—0.2	0.79
	April . .	.786	—013	S 33° W	..	83.2	79.6	..	..	..	..	..	..	..	..	84	—1	6.9	0.33	—0.47	1	—0.4	0.33
	May . .	.659	—032	S 27° W	..	86.2	81.7	..	..	..	..	..	..	..	..	85	0	4.0	0	—2.21	0	—4.0	0
	June . .	.503	—049	S 29° W	..	84.9	81.3	..	..	..	..	..	..	..	..	84	—2	7.1	6.04	—1.88	7	—3.7	3.58
	July . .	.434	—013	S 61° W	..	81.9	79.5	..	..	..	..	..	..	..	..	88	+1	8.8	15.20	+7.48	21	+10.6	2.42
	August . .	.549	—026	S 39° W	..	82.4	79.2	..	..	..	..	..	..	..	..	86	+2	7.8	7.32	—0.47	7	—4.1	2.27
	September . .	.717	+027	S	..	83.5	79.1	..	..	..	..	..	..	..	..	91	+5	5.4	5.67	+0.86	8	—0.3	1.65
	October . .	.826	—014	S 45° E	..	82.4	76.7	..	..	..	..	..	..	..	..	78	+4	5.8	5.16	+1.67	6	+1.2	1.59
	November . .	.935	+007	N 1° W	..	79.2	70.0	..	..	..	..	..	..	..	..	61	+9	8.0	0	—2.85	0	—2.2	0
	December . .	.986	—031	N 21° E	..	72.2	65.4	..	..	..	..	..	..	..	..	67	+1	8.1	0	—0.82	0	—0.3	0
	Year . .	29.764	—027	..	..	80.1	75.2	..	..	..	..	..	..	..	..	78	+3	5.8	41.09	+1.61	58	—3.2	3.58
Table Island (Bay Islands) (10b).	January . .	29.819	—031	N 28° E	6.4	80.6	73.3	85.8	+2.5	88.0	75.9	+0.7	71.5	69	—5	3.0	1.09	+0.32	2	+1.3	0.78		
	February . .	.778	—047	N 3° E	3.5	79.7	72.0	84.8	+1.1	87.2	74.3	—0.8	70.5	67	—9	2.6	0.16	+0.03	1	+0.7	0.15		
	March . .	.780	—022	N 23° E	1.4	82.1	76.1	87.4	+0.9	89.2	76.4	—0.1	73.5	75	—8	4.2	1.99	+1.82	3	+2.7	1.28		
	April . .	.757	+006	N 63° E	1.0	84.7	77.3	89.7	+0.4	92.6	78.7	—0.8	76.0	70	—5	2.7	0.28	—0.35	1	—0.1	0.19		
	May . .	.656	—010	S 18° W	6.4	83.5	78.9	87.9	—0.9	93.9	78.9	—0.9	72.2	81	0	6.3	12.91	+4.16	11	+0.3	4.66		
	June . .	.591	—020	S 37° W	19.4	81.2	78.3	84.5	—1.1	86.7	76.8	—1.1	71.8	87	—2	7.3	23.22	+8.12	19	+2.2	6.58		
	July . .	.591	—015	S 37° W	20.9	81.5	78.6	84.4	—0.2	80.0	77.4	+0.1	73.8	87	—4	8.3	10.56	—2.95	16	—1.6	1.06		
	August . .	.630	—008	S 34° W	17.6	80.1	77.5	84.2	0	87.2	75.8	—1.7	72.0	89	—1	8.2	22.45	+10.98	19	+2.8	4.60		
	September . .	.695	+028	S 33° W	8.3	81.7	78.1	85.8	+0.9	88.2	78.1	+0.9	73.2	84	—4	5.2	4.92	—6.42	6	—9.6	2.89		
	October . .	.721	—015	S 22° W	7.6	80.7	76.8	84.5	—0.9	88.3	77.6	—0.2	74.0	83	—1	5.6	7.69	+1.20	14	+3.8	2.60		
	November . .	.764	—011	N 62° E	6.3	81.0	76.5	85.1	+0.2	86.8	80.5	+2.7	77.0	81	0	4.3	12.88	+6.73	8	+1.2	5.38		
	December . .	.793	—021	N 24° E	8.6	79.8	73.6	85.5	+0.2	86.0	77.3	—	73	—2	2.8	1.45	—0.92	2	—0.8	1.22			
	Year . .	29.715	—013	..	8.9	81.4	76.4	85.5	+0.2	93.9	77.3	0	70.5	79	—3	5.0	99.09	+22.72	102	+3.4	6.58		

(e) Mean of 31 months.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.						
		At 8 h. reduced to 32° F. and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean 8 h.				Maximum.			Minimum.			Departure from normal.	Mean 8 h.	Departure from normal.	Mean 8 h.	Total of the month or year.	Departure from normal.	Number of rainy days	Departure from normal.	Heaviest fall in month or year.
						4	5	6	7	Dry bulb.	8	Wet bulb.	9	Mean.	10	Highest month or year.	11	Mean.	12	Lowest month or year.	13	14	15	16	17
Muzaffarabad (Kashmir) (2,843).	January .	27.634	—0.46	S 5° E	1.7	41.9	(c) 39.7	56.7	—4.6	66.4	36.8	—0.9	24.3	(e) 77	+8	2.8	8.37	—0.20	5	—1.3	1.87			
	February .	—644	+0.47	S 79° E	1.9	43.6	(f) 41.9	56.4	—5.9	70.4	37.8	—3.0	18.7	(f) 79	+10	4.3	8.15	—0.88	6	+0.1	1.13			
	March .	—568	+0.21	S 27° W	1.6	56.3	49.8	79.3	+11.0	91.2	50.8	+4.1	42.3	63	—5	1.6	0.95	—4.95	3	—5.5	0.38			
	April .	—504	+0.42	S 18° W	1.9	67.5	57.9	85.0	+7.4	96.0	57.9	+3.6	50.9	55	—10	2.2	0.81	—4.24	4	—4.6	0.23			
	May .	—358	—0.03	S 17° W	2.3	77.4	62.1	95.2	+5.5	107.5	68.2	+4.0	60.3	40	—14	2.1	0.78	—1.47	1	—2.7	0.70			
	June .	—197	—0.01	S 20° W	3.6	80.9	64.8	101.3	+3.6	112.2	71.7	—0.6	63.9	41	—10	2.7	1.22	—2.14	4	—2.1	0.40			
	July .	—165	+0.04	S 22° W	2.8	79.1	71.8	94.2	—0.6	107.4	71.9	—1.7	64.3	71	+4	5.1	10.81	+0.82	16	+4.1	3.70			
	August .	—225	+0.15	S 45° W	1.7	75.9	71.8	88.4	—2.4	98.0	70.1	—2.1	61.3	82	+4	4.8	20.60	+10.50	14	+1.2	5.40			
	September .	—403	+0.46	S 29° W	1.8	73.0	66.8	90.3	+0.3	98.8	65.7	—0.5	60.3	72	+2	1.0	2.69	—1.11	4	—1.9	1.08			
	October .	—558	+0.38	S 27° W	1.7	62.4	56.1	80.2	—4.2	87.6	54.5	—1.0	42.4	66	+5	1.7	1.14	—0.40	4	+1.6	0.48			
	November .	—643	+0.23	S 23° W	1.1	51.2	45.0	74.7	—0.3	80.6	44.6	—0.2	37.7	66	+5	1.4	0.08	—0.52	0	—1.5	0.08			
	December .	—643	—0.09	S 27° E	1.6	42.6	(b) 40.6	56.1	—6.9	73.0	37.8	—0.2	29.7	(b) 82	+11	4.7	8.77	+1.47	9	+4.6	1.05			
	Year .	27.462	+0.15	..	1.0	62.7	55.8	79.8	+0.2	112.2	55.7	+0.2	18.7	65	0	2.9	49.37	—3.04	70	—8.0	5.40			
Sibi (Baluchistan) (441).	January .	29.506	..	S 63° E	2.8	48.2	(b) 41.1	71.7	..	83.0	41.0	..	26.7	(b) 48	..	2.2	0.06	..	0	..	0.05			
	February .	—600	..	N 34° E	1.8	55.0	(c) 48.6	72.7	..	87.0	48.4	..	27.7	(c) 57	..	4.4	0.48	..	2	..	0.27			
	March .	—413	..	N 20° E	2.6	73.5	[57.4	95.1	..	100.4	62.8	..	46.7	31	..	1.1	0.04	..	0	..	0.04			
	April .	—288	..	N 34° W	3.4	85.9	63.0	101.7	..	109.2	74.7	..	63.0	23	..	1.1	0	..	0	..	0			
	May .	—078	..	N 27° W	5.0	96.2	71.8	110.8	..	121.2	83.4	..	70.1	27	..	1.3	0	..	0	..	0			
	June .	28.913	..	S 13° W	5.0	96.6	77.7	115.3	..	121.2	89.6	..	81.9	41	..	0	0	..	0	..	0			
	July .	—923	..	S 13° E	4.9	90.1	79.7	105.2	..	116.6	84.8	..	69.5	63	..	2.7	3.78	..	6	..	1.64			
	August .	20.003	..	S 7° E	3.9	86.9	79.0	100.2	..	107.0	82.8	..	73.1	69	..	2.8	0.68	..	2	..	0.46			
	September .	—178	..	S 13° E	3.0	86.7	75.6	102.1	..	106.4	77.8	..	72.5	59	..	0	0	..	0	..	0			
	October .	—351	..	N 15° E	2.7	77.9	62.2	96.8	..	107.8	66.1	..	57.7	37	..	0.8	0	..	0	..	0			
	November .	—485	..	N 60° E	1.8	65.2	51.7	87.7	..	96.6	54.1	..	43.7	34	..	2.0	0	..	0	..	0			
	December .	—545	..	N 7° E	2.8	51.1	44.6	69.6	..	80.6	47.1	..	37.7	57	..	8.7	1.05	..	3	..	0.60			
	Year .	29.281	..	..	3.3	76.1	62.7	94.1	..	121.2	67.7	..	26.7	45	..	1.8	6.09	..	13	..	1.64		

(b) Mean of 30 days.

(c) Mean of 29 days.

(e) Mean of 27 days.

(f) Mean of 26 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.			WIND.			TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.				
		At 8 h. reduced to 32° F. and standard gravity.		from	Mean direction at 8 h.	Mean velocity in miles per hour.		Mean 8 h.		Maximum.		Minimum.			from				from					
	1	2	3	4	5	6		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Trincomalee (Ceylon) (99).	January .	29.814	—018	N 58° E	3·4	75·2	72·2	81·3	—1·6	83·7	74·1	—0·2	67·9	86	+1	4·8	2·85	—2·90	4	—3·5	1·50			
	February .	·789	—028	N 70° E	3·5	76·8	72·8	82·7	—3·2	92·0	75·0	+1·2	70·1	79	—5	4·1	1·56	—0·33	2	—0·4	0·78			
	March .	·770	+027	N 74° E	3·4	78·5	75·1	84·4	—4·8	88·5	77·1	+1·2	73·0	85	0	4·0	2·13	+0·51	4	+1·6	0·98			
	April .	·785	+046	S 36° W	3·0	78·0	75·7	87·0	—5·7	90·5	76·4	—1·2	72·9	90	+6	5·6	9·14	+7·3	8	+5·1	2·38			
	May .	·653	+015	S 62° W	5·1	79·5	76·2	90·6	—3·8	94·3	78·5	+0·1	71·0	85	+4	5·3	3·19	+0·73	4	+0·6	1·38			
	June .	·642	+026	S 67° W	7·9	79·4	74·7	90·4	—2·0	93·5	78·4	+0·1	75·3	79	—1	5·5	0·13	—1·41	1	—0·8	0·18			
	July .	·648	+023	S 67° W	8·1	78·7	73·9	91·7	—0·3	94·3	78·0	+0·6	76·1	79	—1	5·5	0·74	—1·17	1	—1·4	0·74			
	August .	·665	+019	S 67° W	5·9	77·3	73·0	90·7	—1·9	95·9	76·1	—0·8	72·1	80	0	5·9	8·36	+4·17	6	+1·0	2·17			
	September .	·681	+010	S 66° W	4·2	77·2	73·5	90·7	—1·0	95·8	76·0	—0·5	72·4	84	+3	5·1	6·91	+2·29	7	+0·9	1·70			
	October .	·750	+040	S 67° W	3·8	77·0	73·5	88·0	—1·4	92·5	75·2	—0·2	71·1	84	—2	4·2	5·19	—2·40	7	—3·7	1·97			
	November .	·744	+005	S 58° W	3·6	76·0	74·6	83·0	—2·7	85·8	74·9	+0·3	70·5	94	+6	5·8	13·19	—1·09	16	+2·2	4·90			
	December .	·783	+014	N 81° W	3·3	74·9	73·0	81·2	—1·8	88·5	73·4	—0·8	69·2	91	+4	6·4	10·04	—3·86	16	+2·1	1·60			
	Year .	29.723	+015	..	4·6	77·4	74·0	86·8	—2·5	95·9	76·2	0	67·9	85	+2	5·1	63·43	+1·84	76	+3·7	4·00			
Hambantota (Ceylon) (61).	January .	29.836	—015	N 17° E	7·5	71·5	69·5	85·5	+1·1	87·5	70·9	—1·3	65·0	90	0	1·6	0·19	—2·93	1	—4·7	0·19			
	February .	·808	—040	N 22° E	7·6	72·6	70·1	86·8	+1·0	90·3	72·0	+0·4	68·7	88	—1	3·7	1·20	+0·14	2	—0·7	0·83			
	March .	·796	—027	N 15° E	6·2	75·3	73·0	87·7	+0·7	91·1	74·4	+0·3	69·9	89	—1	4·2	4·34	+0·72	5	—0·1	2·23			
	April .	·774	—003	N 14° W	4·5	76·3	74·4	86·9	—1·4	90·1	75·3	—0·4	72·5	91	+1	5·1	5·98	+2·52	8	+2·1	1·92			
	May .	·727	—008	S 79° W	9·2	78·8	76·8	86·9	—1·0	89·4	77·5	+0·1	72·1	91	+2	5·4	0·76	—2·41	2	—3·6	0·38			
	June .	·734	+011	S 82° W	10·1	78·2	75·6	87·0	—0·6	92·8	76·8	—0·3	73·8	88	—1	5·9	1·04	—0·52	6	+0·1	0·38			
	July .	·732	0	S 80° W	9·8	76·8	74·3	89·6	+2·3	95·1	75·4	—1·0	72·5	89	0	3·7	0·48	—1·96	2	—8·3	0·17			
	August .	·750	—008	S 74° W	9·9	75·9	73·6	86·7	—0·6	94·8	75·0	—1·3	73·0	89	0	3·8	0·81	—0·50	2	—1·0	0·45			
	September .	·756	—012	N 84° W	9·3	77·2	74·1	87·1	+0·2	96·1	75·5	—0·5	69·8	86	—3	4·4	7·31	+5·38	8	+3·7	2·00			
	October .	·806	+010	N 56° W	8·8	76·6	73·4	86·8	0	89·8	74·8	—0·4	71·7	85	—4	4·1	0·84	—3·07	3	—4·5	0·38			
	November .	·781	—007	N 18° W	4·9	74·7	73·0	84·2	—1·7	89·8	73·7	—0·4	71·2	92	+2	5·6	10·25	+5·06	15	+6·6	2·22			
	December .	·806	—013	N 7° E	7·5	73·7	71·7	88·7	—0·5	87·0	72·8	+0·3	70·0	91	0	5·8	8·67	+2·87	10	+0·5	2·30			
	Year .	29.775	—010	..	7·9	75·6	73·3	86·6	0	96·1	74·5	—0·4	65·0	89	0	4·4	42·56	+5·30	64	—4·9	2·30			

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—*contd.**Abstract of 8 hrs. observations.*

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.							
		At 8 h. reduced to 32° F. and standard gravity.		Mean direction at 8 h.		Maximum.						Minimum.		from normal.		Total of the month or year.		Number of rainy days.		Departure from normal.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Nuwara Eleya (Ceylon) (6,188).	January .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	February .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	March .	24.115	..	..	..	..	49.0	47.6	70.4	..	74.4	47.3	..	40.6	91	..	4.1	5.99	..	11	..	1.14	..
	April .	-040	..	..	..	..	52.0	50.4	69.9	..	71.8	50.4	..	42.3	90	..	3.7	9.55	..	17	..	2.15	..
	May .	-094	..	..	..	..	55.8	53.6	71.1	..	76.0	52.9	..	44.9	88	..	4.5	6.54	..	12	..	1.50	..
	June .	-083	..	..	..	..	57.2	55.0	65.3	..	70.8	55.8	..	52.3	88	..	8.5	10.53	..	19	..	1.15	..
	July .	-003	..	..	..	..	56.0	54.4	64.7	..	69.8	55.1	..	50.8	90	..	8.2	9.51	..	14	..	1.85	..
	August .	-011	..	..	..	..	54.1	52.9	66.8	..	72.2	52.8	..	46.3	91	..	7.9	2.90	..	8	..	0.70	..
	September .	-014	..	..	..	..	54.5	53.2	67.3	..	73.2	52.8	..	46.4	92	..	7.8	10.81	..	15	..	1.80	..
	October .	-057	..	..	..	..	52.0	50.5	68.6	..	73.2	49.3	..	40.8	91	..	5.1	2.13	..	9	..	0.37	..
	November .	-040	..	..	..	..	51.9	51.1	68.5	..	73.9	50.4	..	45.2	95	..	5.3	10.41	..	17	..	1.84	..
	December .	-047	..	..	..	..	50.5	49.5	67.0	..	71.4	48.8	..	38.6	93	..	7.2	10.61	..	14	..	3.16	..
	Year(x) .	24.050	..	..	..	..	53.3	51.8	68.0	..	76.0	51.6	..	38.6	91	..	6.2	78.88	..	136	..	3.16	..
Minicoy (Arabian Sea) (7).	January .	29.864	-058	N 54° E	2.2	83.0	75.1	86.8	+1.1	88.2	75.0	..	69.4	68	-9	2.4	0.24	-1.64	1	-1.7	0.20	..	
	February .	-841	-077	N 11° E	2.3	82.0	75.2	86.8	+0.5	89.4	75.4	..	72.3	72	-4	4.7	2.62	+1.97	8	+1.9	1.26	..	
	March .	-824	-067	N 16° E	2.0	84.7	76.0	88.8	+1.1	90.9	76.5	..	74.4	70	-4	4.2	1.95	+0.91	5	+8.4	0.65	..	
	April .	-814	-032	N 3° W	2.1	85.6	78.0	89.0	-0.4	91.5	77.9	..	74.0	70	-4	4.9	3.58	+0.98	10	+6.4	0.67	..	
	May .	-832	+004	N 80° W	4.3	84.4	78.9	(b) 88.8	-0.1	92.1	78.9	..	73.4	79	+2	6.1	9.77	+3.38	11	+2.4	2.87	..	
	June .	-809	-007	S 80° W	11.6	82.9	77.9	86.4	+0.2	89.5	77.8	..	73.3	80	-2	7.8	10.21	-1.70	18	+0.7	2.19	..	
	July .	-829	0	W	9.5	82.0	77.5	85.9	+0.4	88.1	77.3	..	71.4	81	-1	6.1	17.82	+9.02	14	+0.1	6.10	..	
	August .	-861	+007	N 60° W	6.1	82.2	76.2	86.4	+0.8	88.6	77.9	..	73.9	75	-6	5.6	1.38	-5.78	5	-6.0	0.87	..	
	September .	-842	-031	N 63° W	6.3	81.7	76.8	85.9	+0.2	88.9	77.2	..	73.9	79	-1	4.8	7.33	+0.92	12	+1.9	3.04	..	
	October .	-878	+005	N 48° W	4.6	82.1	76.5	86.1	0	88.9	76.5	..	73.4	77	-4	4.7	3.05	-4.37	9	-2.6	0.87	..	
	November .	-863	-023	N 6° E	(d) 2.7	82.1	77.0	86.0	-0.3	88.4	76.1	..	73.4	79	0	5.7	7.34	+2.05	12	+4.9	1.56	..	
	December .	-884	-022	N 37° E	2.4	83.0	75.0	86.5	+0.4	87.8	76.0	..	73.0	71	-6	4.9	1.13	-2.88	4	-0.2	0.28	..	
	Year .	29.845	-025	--	4.7	83.0	76.8	86.9	+0.8	92.1	76.9	..	69.4	75	-3	5.2	67.82	+3.34	104	+11.2	6.10	..	

(b) Mean of 30 days.

(c) Mean of 10 months.

(d) Mean of 28 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet. 1	MONTH. 2	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.										
		At 8 h. reduced to 32° F. and standard gravity. 3	Departure from normal. 4	Mean direction at 8 h. 5	Mean velocity in miles per hour. 6	Mean 8 h. 7	Dry bulb. 8	Wet bulb. 9	Maximum.			Minimum.			Mean 8 h. 12	Departure from normal. 13	Highest month or year. 11	Lowest month or year. 14	Mean 8 h. 15	Departure from normal. 16	Mean amount 8 h. 17	Total of the month or year. 18	Departure from normal. 19	Number of rainy days. 20	Heaviest fall in minutes. 21	Heaviest fall in inches. 22
									Mean. 10	Departure from normal. 10	Highest month or year. 11	Mean. 12	Departure from normal. 13	Lowest month or year. 14												
Amini Divi (Arabian Sea) (18).	January . .	29.912	—017	N 12° E	4.2	83.0	75.7	89.0	+2.9	91.6	76.3	+2.3	69.9	71	—1	2.9	0.28	—0.42	1	—0.1	0.24					
	February . .	.886	—037	N 11° W	4.6	82.0	74.8	88.5	+1.4	92.0	75.9	—0.1	68.7	70	—2	3.0	0	—0.08	0	—0.3	0					
	March . .	.863	—027	N 25° W	4.0	84.6	77.6	90.3	+0.8	94.8	78.0	+0.4	74.9	72	0	3.4	2.16	+2.10	3	+2.9	1.18					
	April . .	.841	+007	N 17° W	4.7	86.1	78.6	90.7	—1.0	94.0	80.2	+0.4	74.1	70	—1	5.7	1.03	—0.37	3	+1.3	0.60					
	May . .	.787	—021	N 43° W	6.5	86.2	80.4	90.7	—0.8	95.2	81.6	+1.0	72.3	77	+3	6.5	7.46	+3.76	5	+0.3	3.26					
	June . .	.745	—022	N 85° W	14.7	83.0	79.6	85.8	—1.5	89.2	77.3	—0.8	72.5	85	+3	8.7	23.17	+8.86	22	+5.5	2.82					
	July . .	.771	—017	N 84° W	15.4	82.4	79.3	84.7	—1.0	86.8	78.5	+1.1	74.1	87	+4	7.1	8.15	—3.85	14	—1.7	3.04					
	August . .	.828	+005	N 70° W	14.1	82.0	80.1	84.4	—1.3	85.6	78.2	+0.8	75.3	92	+10	6.4	3.86	—3.79	8	—3.4	1.62					
	September . .	.817	—031	N 48° W	10.3	80.0	77.6	84.6	—1.2	88.6	77.4	+0.2	74.1	89	+8	6.6	5.98	—0.37	16	+5.5	0.88					
	October . .	.868	+011	N 28° W	5.9	81.8	76.5	85.3	—1.1	90.6	76.7	—0.1	72.3	78	—2	5.2	6.40	+0.00	8	—0.7	3.50					
	November . .	.856	—016	N 3° W	2.4	83.6	77.9	87.6	+1.1	91.4	76.2	+0.7	71.1	77	+1	4.7	2.12	—0.46	6	+1.8	0.50					
	December . .	.880	—028	N 1° E	3.2	83.3	76.6	88.3	+2.0	92.0	76.0	+2.2	72.9	72	0	4.2	1.55	+0.28	3	+1.0	0.67					
	Year . .	29.638	—010	..	7.5	83.2	77.9	87.5	0	95.2	77.7	+0.7	68.7	78	+2	5.4	62.25	+6.26	89	+12.1	3.64					
Gyantse (Tibet) (18,110).	January . .	18.827	..	S 58° E	6.2	19.4	..	88.8	—3.4	46.1	2.6	—0.7	—9.6	..	..	2.0	0	—0.01	0	—0.1	0				
	February . .	.291	..	S 49° E	5.6	19.5	..	88.6	—6.2	56.6	(k) 6.4	—2.5	1.0	..	..	1.4	0	—0.04	0	—0.2	0				
	March . .	.444	..	S 42° E	5.3	34.3	36.2	48.6	—2.1	60.6	4.8	—11.9	0.0	(k) 94	+17	1.5	0.02	—0.04	0	—0.3	0.02					
	April . .	.408	..	S 10° E	4.5	42.3	38.6	56.3	—1.5	64.6	11.9	—18.5	0.2	(e) 72	+11	4.1	0.32	+0.17	2	+1.2	0.16					
	May . .	.372	..	S 67° E	4.8	47.6	44.7	58.0	—2.8	71.1	18.9	—13.4	8.0	(b) 81	+14	4.0	0.25	—0.22	2	+0.3	0.13					
	June . .	.361	..	E	3.6	54.6	46.2	67.9	—4.7	73.6	26.7	—14.4	18.0	59	—6	5.8	3.40	+2.41	6	+2.0	1.30					
	July . .	.445	..	S 45° E	3.5	55.7	46.9	68.1	—4.4	76.6	44.9	+1.2	39.0	58	—11	7.2	2.16	—0.35	6	—1.3	0.59					
	August . .	.468	..	N 87° E	3.5	56.7	47.2	68.7	—1.5	79.4	44.2	+2.1	39.0	54	—18	7.4	1.06	—2.16	4	—4.7	0.20					
	September . .	.524	..	S 8° W	5.3	52.2	42.5	63.9	—6.2	70.4	26.4	—12.3	11.5	49	—18	3.7	0.59	—0.45	1	—2.6	0.10					
	October . .	.505	..	N 5° W	5.5	48.0	37.1	58.1	—4.9	64.1	18.8	—15.1	4.0	(e) 68	+2	3.2	0.35	+0.22	1	+0.6	0.16					
	November . .	.385	..	N 45° W	4.3	35.5	35.1	53.3	+3.0	66.0	7.9	—6.2	—1.0	(q) 81	+6	0.8	0	—0.08	0	—0.2	0					
	December . .	.238	..	S 37° E	5.5	22.9	..	48.6	0	53.1	7.9	+3.7	—9.5	..	..	2.7	0	0	0	0	0				
	Year . .	18.397	..	..	4.8	40.3	..	55.7	—2.9	70.4	18.0	—6.9	—9.6	(g) 68	0(x)	3.6	8.15	—0.55	22	—5.3	1.30				

(k) Mean of 21 days.

(b) Mean of 30 days.

(e) Mean of 27 days.

(g) Mean of 15 days.

(r) Mean of 14 days.

(x) Mean of 9 months.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet. 1	MONTH. 2	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.					
		At 8 h. reduced to 32° F. and standard gravity. 3	Departure from normal. 4	Mean direction at 8 h. 5	Mean velocity in miles per hour. 6	Dry bulb. 7	Wet bulb. 8	Mean. 9	Maximum. 10	Highest month or year. 11	Minimum. 12	Mean. 13	Departure from normal. 14	Mean 8 h. 15	Departure from normal. 16	Mean amount 8 h. 17	Total of the month or year. 18	Departure from normal. 19	Number of rainy days. 20	Departure from normal. 21	Heaviest fall in month or year. 22
Kashgar (Eastern Turkistan) (4,255).	January .	25.577	—123	N	0.2	15.4	..	30.3	—3.8	42.2	10.2	—2.0	—3.2	..	..	4.8	0.13	—0.04	0	—0.8	0.04
	February .	479	—161	N 63° W	0.2	22.5	36.3	40.7	—2.5	58.2	14.7	—5.1	—7.2	(r) 88	..	1.8	0	—0.17	0	—0.5	0
	March .	575	+0.15	N 27° E	0.8	44.6	41.7	56.2	—1.3	80.2	36.8	+1.7	20.8	(d) 73	+16	2.7	1.26	+0.95	5	+4.3	0.44
	April .	501	—0.09	N 14° E	0.5	64.9	55.6	78.4	+6.4	90.7	51.4	+2.9	39.8	56	+9	0.9	0.02	—0.22	0	—0.9	0.02
	May .	420	—0.80	N 14° W	1.0	70.3	60.5	84.7	+2.7	106.2	55.6	—2.3	46.3	57	+11	1.7	0	—0.66	0	—1.2	0
	June .	326	—0.84	N 6° W	2.2	75.4	69.3	90.7	+0.9	99.2	61.3	—2.8	48.4	75	+31	0.7	0	—0.27	0	—0.8	0
	July .	251	—119	N 39° W	0.9	80.3	71.8	97.0	+4.5	109.0	66.0	—1.7	52.3	68	+19	1.1	0	—0.24	0	—0.8	0
	August .	235	—115	N 18° W	1.0	74.2	67.4	91.5	+1.0	104.2	63.0	—2.7	53.3	71	+17	1.2	0	—0.53	0	—1.6	0
	September .	461	—100	N 45° W	(e) 0.6	65.8	59.8	87.1	+3.3	95.2	51.2	—5.8	42.8	71	+16	0.5	0.01	—0.23	0	—0.7	0.04
	October .	674	—0.06	N	1.7	52.7	(b) 49.1	69.0	—1.9	80.8	38.2	—4.5	22.4	(b) 76	+19	1.0	0	—0.02	0	—0.1	0
	November .	682	—0.48	Calm	0.2	34.1	34.9*	51.6	—1.7	61.5	25.8	—2.7	21.7	(*) 80	+13	3.5	0	—0.15	0	—1.1	0
	December .	551	—199	Calm	0	15.6	..	25.4	—11.9	40.0	10.1	—6.6	7.1	..	..	7.3	0.32	+0.18	1	+0.6	0.18
	Year .	25.486	—0.84	..	0.8	51.3	59.4†	66.9	—0.8	100.0	40.4	—2.6	7.2	(t) 70	+17	2.2	1.77	—1.39	6	—3.6	0.44
Aden (Arabia) (94).	January .	29.891	—0.25	N 50° E	11.7	73.9	68.2	82.6	+2.7	85.5	72.3	—0.3	67.8	74	—2	4.1	0	—0.32	0	—0.8	0
	February .	827	—0.59	N 57° E	15.5	76.0	71.4	83.7	+2.9	86.7	74.5	+1.2	71.1	79	+2	5.8	0	—0.19	0	—0.4	0
	March .	818	—0.09	N 51° E	12.4	75.4	70.2	88.5	+5.1	94.2	72.7	—2.6	69.7	76	—1	2.5	0	—0.48	0	—0.6	0
	April .	762	—0.09	N 59° E	15.8	81.2	75.0	91.7	+3.5	97.2	78.2	+0.2	74.0	74	—2	5.1	0	—0.18	0	—0.3	0
	May .	686	—0.17	N 60° E	9.0	85.5	79.6	95.5	+2.8	93.4	83.0	+1.5	76.1	76	0	3.6	0	—0.13	0	—0.3	0
	June .	595	+0.08	S 66° E	6.4	87.0	80.5	95.1	+0.2	103.0	84.9	+0.8	82.6	74	+2	1.2	0	—0.06	0	—0.1	0
	July .	553	+0.02	S 12° E	9.1	83.4	77.2	92.8	—0.7	99.7	80.9	—1.8	74.4	75	+8	1.6	0	—0.03	0	0	0
	August .	586	+0.08	S 36° E	8.5	83.1	76.6	91.9	—0.2	103.7	80.1	—0.6	76.8	73	—1	1.4	0	—0.12	0	—0.3	0
	September .	671	+0.06	N 29° E	7.4	85.7	79.9	93.9	+0.7	98.2	83.6	+1.2	80.8	76	—1	3.9	0	—0.15	0	—0.3	0
	October .	795	—0.05	N 68° E	10.7	82.1	75.6	91.1	+1.5	95.2	78.9	+1.0	74.6	73	+1	2.2	2.23	+2.14	1	+0.8	2.23
	November .	848	—0.30	N 68° E	9.9	78.0	70.9	89.2	+4.5	93.4	74.7	+0.1	72.7	69	—4	2.6	0	—0.08	0	—0.1	0
	December .	845	—0.74	N 65° E	11.9	76.6	72.2	84.1	+3.0	87.8	74.4	+1.3	70.9	80	+6	6.8	1.55	+1.44	2	+1.8	0.99
	Year .	29.740	—0.17	..	10.7	80.7	74.8	90.0	+2.2	103.7	78.2	+0.2	67.8	75	0	3.4	3.78	+1.84	3	—0.6	2.23

* Mean of 17 days. † Mean of 8 months. ‡ Mean of 9 months. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 28 days. (v) Mean of 10 days.

MONTHLY AND ANNUAL TABLE D-3 FOR 1929—concl.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.												
		At 8 h. reduced to 32° F. and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean 8 h.			Maximum.			Minimum.			Departure from normal.	Lowest month or year.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month or year.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month or year.				
						3	4	5	6	7	Dry bulb.	8	Wet bulb.	9	Mean.	10	Departure from normal.	11	Highest month or year.	12	13	14	15	16	17	18	19	20	21	22
Zanzibar (East Africa) (56).	January . .	29.830	—015	N 27° E	5.5	83.0	77.2	87.3	+1.1	89.2	80.5	+1.0	77.8	76	—5	6.5	0.22	—2.61	1	—3.0	0.17							
	February . .	.815	—028	N 31° E	5.2	83.8	77.7	88.5	+1.6	91.0	81.3	+1.4	80.3	75	—4	6.6	0.69	—1.51	1	—2.6	0.58							
	March . .	.834	—004	S 45° W	4.9	83.0	77.8	87.8	+1.0	91.3	80.1	+0.7	75.8	78	—4	8.0	8.31	+2.25	8	—0.4	8.85							
	April . .	.876	+013	S 40° W	5.7	80.1	76.2	84.9	+0.4	90.4	77.4	0	73.4	83	—3	7.6	11.47	—2.60	14	—1.1	2.32							
	May . .	.941	+013	S 27° W	6.3	78.4	74.7	84.8	+1.5	87.4	76.3	+0.5	70.8	83	—3	7.2	4.40	—6.14	4	—7.5	1.70							
	June . .	.992	0	S 22° W	6.8	76.3	73.0	81.2	—0.6	83.5	73.9	—0.3	70.8	85	+1	7.7	6.91	1.500	8	+4.6	1.50							
	July . .	30.015	—004	S 28° W	6.7	75.6	72.0	80.5	—0.2	82.8	73.4	+0.6	71.1	83	—2	7.4	2.86	+0.50	5	+0.1	1.15							
	August . .	.013	0	S 24° W	5.8	75.3	71.4	81.5	+0.4	84.6	72.8	+0.1	69.9	82	—2	7.4	0.65	—1.02	1	—3.2	0.60							
	September . .	29.979	—014	S 13° W	4.7	77.7	72.9	83.9	+1.5	87.3	73.9	+0.3	70.2	78	—5	6.9	0.72	—1.39	4	—1.0	0.18							
	October . .	.920	—028	S 1° W	(b) 3.9	80.0	75.1	84.6	+1.2	88.0	76.0	+0.8	73.5	79	—3	7.4	4.65	+1.05	9	+3.2	0.88							
	November . .	.863	—028	S 68° E	3.5	82.1	77.0	85.7	+1.2	88.4	78.0	+0.7	76.1	78	—4	7.4	8.24	+0.71	10	—0.6	1.65							
	December . .	.818	—037	S 22° E	4.6	82.8	77.9	86.0	+0.1	88.9	78.5	—0.7	73.3	81	0	7.9	5.90	+0.60	14	+5.7	1.25							
	Year . .	29.908	—011	..	5.3	79.8	75.2	84.7	+0.8	91.3	76.8	+0.4	69.9	80	—3	7.3	55.02	—5.16	79	—6.7	3.85							

(b) Mean of 30 days.

Table D-4.—Abstract of forenoon or afternoon observations taken at 5 stations in Baluchistan, etc., in the year 1929.

MONTHLY AND ANNUAL TABLE D-4 FOR 1929.

Abstract of forenoon or afternoon observations at 5 stations in Baluchistan, etc.

Station and height of bar cistern above sea-level in feet and time of observation.	Month.	PRESSURE. Reduced to 32° E. standard gravity.	WIND.		TEMPERATURE.								HUMI-DITY.	CLOUD	RAINFALL.			
			Mean direction at time of observation.	Mean velocity in miles per hour.	Mean.	Dry bulb.	Mean.	Webbul.	Maximum.	Highest in month or year.	Date.	Mean.	Lowest in month or year.	Date.	Mean at time of observation.	Total of the month or year.	Number of rainy days.	Heaviest rainfall in month or year.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chaman 4,811 ft. 17 hrs. (I. S. T.)	January . .	25.672	N 88 W	4.9	51.8	40.0	52.8	71.6	12th	..	..	..	41	5.0	0.29	1	0.18	24th
	February . .	-609	S 79 W	5.2	54.7	44.0	56.2	72.7	24th	..	..	..	47	7.1	1.16	4	0.36	7th
	March . .	-600	S 78 W	5.9	75.4	52.2	77.2	84.9	12th and 18th	..	..	..	14	4.5	0	0	0	..
	April . .	-507	N 73 W	6.8	82.6	56.8	86.1	98.4	29th	..	..	..	14	4.8	0	0	0	..
	May . .	-515	N 71 W	8.9	90.2	60.8	92.8	100.6	28th	..	..	..	14	2.8	0	0	0	..
	June . .	-322	N 78 W	7.2	98.0	63.0	100.1	105.9	19th	..	..	..	9	0.4	0	0	0	..
	July . .	-255	W	6.7	95.6	64.7	96.9	103.5	1st	..	..	..	17	2.8	0.07	0	0.07	28th
	August . .	-351	S 72 W	5.6	92.3	61.2	93.4	100.5	1st	..	..	..	12	1.8	0	0	0	..
	September . .	-500	N 89 W	6.1	90.9	59.2	99.5	97.0	10th	..	..	..	9	0	0	0	0	..
	October . .	-641	N 77 W	6.0	75.1	51.8	76.9	89.3	1st	..	..	..	14	1.5	0	0	0	..
	November . .	-703	N 74 W	8.7	65.1	45.9	67.5	72.1	1st and 9th	..	..	..	14	2.7	0	0	0	..
	December . .	-696	N 80 W	2.9	46.3	38.7	48.7	90.6	4th	..	..	..	59	6.5	1.40	3	0.76	8th
	Year . .	25.581	..	5.8	76.6	53.3	78.4	105.9	19th June	..	..	..	21	3.2	2.92	8	0.76	8th Dec.
Dabbandin 2,772 ft. 16 hrs. 45 mins. (I. S. T.)	January . .	27.116	S 63 E	4.3	62.2	47.4	63.7	82.0	12th	..	..	..	29	2.1	0.16	1	0.16	25th
	February . .	-038	S 36 W	6.1	68.6	52.5	70.3	88.2	24th	..	..	..	80	4.4	0.26	1	0.12	12th
	March . .	-001	S 47 W	6.3	87.1	61.7	88.3	98.6	11th	..	..	..	16	1.5	0	0	0	..
	April . .	26.918	S 43 W	7.4	93.5	65.6	96.8	101.0	28th	..	..	..	20	2.4	0	0	0	..
	May . .	-866	N 85 W	5.2	99.6	67.9	102.3	108.7	29th	..	..	..	16	2.8	0.12	1	0.12	15th
	June . .	-698	N 80 W	6.1	107.9	66.5	110.0	114.7	24th	..	..	..	2	0	0	0	0	..
	July . .	-629	S 47 W	7.0	105.0	67.7	107.3	118.9	1st	..	..	..	8	1.7	0	0	0	..
	August . .	-737	S 51 W	6.6	101.9	64.8	103.0	111.5	1st	..	..	..	7	0.2	0	0	0	..
	September . .	-875	S 4 W	8.7	100.5	65.1	102.0	107.1	15th	..	..	..	9	0	0	0	0	..
	October . .	27.055	W .	3.7	86.5	59.1	88.7	100.4	1st	..	..	..	18	0.1	0	0	0	..
	November . .	-140	S 85 E	8.4	74.8	54.0	76.0	84.0	1st	..	..	..	23	1.4	0	0	0	..
	December . .	-172	S 68 E	8.0	56.0	48.2	57.8	77.8	8rd	..	..	..	57	3.0	1.02	3	0.46	10th and 18th
	Year . .	26.987	..	5.2	86.9	60.1	89.0	114.7	24th June	..	..	..	19	1.6	1.56	6	0.46	10th and 18th Dec.

MONTHLY AND ANNUAL TABLE D-4 FOR 1929—contd.

Abstract of forenoon or afternoon observations at 5 stations in Baluchistan, etc.

Station and height of barometer above sea level In feet and time of observation.	MONTH.	PRESSURE.		WIND.		TEMPERATURE.								HUMI-DITY.		CLOUD.		RAINFALL.			
		Reduced to 32° F. and standard gravity.	Mean direction at time of observation.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Highest month or year.	Date.	Mean.	Lowest month or year.	Date.	Mean at time of observation.	Mean amount at time of observation.	Total of the month or year.	Number of rainy days.	Heaviest rainfall in month or year.	Date.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
Mirjawa 2,762 ft. 17 hrs. (I.S.T.)	January	27.147	S 66 E	6.8	63.1	47.0	63.8	84.7	12th	36.3	14.8	30th	23	3.8	0	0	0	..			
	February	.040	N 11 E	8.1	70.2	51.7	71.7	91.2	24th	46.0	29.8	1st	22	5.0	0	0	0	..			
	March	.006	S 84 E	6.8	87.0	59.9	88.2	97.8	11th	55.4	38.6	1st	18	2.9	0	0	0	..			
	April	26.935	N 65 E	6.7	93.2	61.8	(c) 94.8	103.0	16th and 23rd	65.2	55.5	7th	12	3.7	0	0	0	..			
	May	.023	N 92 E	6.2	96.4	66.8		111.0	20th	72.0	62.2	16th	17	4.7	0.25	1	0.25	15th			
	June	.751	N 40 E	(e) 11.4	105.5	78.2	106.2	111.2	2nd	80.4	71.9	14th	18	0	0	0	0	..			
	July	.693	N 2 E		10.8	104.4	79.3	105.5	111.3	81st	81.5	78.4	27th	19	0.4	0	0	0	..		
	August	.778	N 18 E	14.5	100.2	66.9	101.4	110.2	1st	78.1	64.2	30th	12	0	0	0	0	..			
	September	.016	N 30 E	11.2	99.9	69.5	101.4	105.6	11th	69.6	64.4	6th	18	0	0	0	0	..			
	October	27.086	N 62 E	10.5	85.0	63.3	86.4	98.3	4th	58.3	46.3	17th	26	0.5	0	0	0	..			
	November	.162	N 74 E	10.2	74.0	56.1	75.9	81.6	1st	45.4	36.6	24th	28	1.1	0	0	0	..			
	December	.185	S 74 E	9.0	57.4	47.2	58.4	77.8	3rd	39.4	27.9	20th and 22nd	44	2.9	0	0	0	..			
	Year	20.960	..	9.3	86.4	61.4	87.8	111.3	31st July	60.2	14.8	30th Jan.	21	2.1	0.25	1	0.25	15th May.			
Bagdad 106 ft. 9 hrs. Local time = 6 hrs. (G.M.T.)	January	30.110	..	..	44.6	42.0	62.0	69.0	7th	37.1	28.0	29th	76	3.1	0.08	0	0.08	9th	
	February	29.960	..	..	50.2	45.0	64.0	74.0	23rd	41.2	31.0	12th	70	4.5	0.58	1	0.51	6th	
	March	.970	..	..	58.0	50.4	73.0	88.0	8th	46.7	38.0	4 days.	57	4.8	0.02	0	0.02	8th	
	April	.860	..	..	72.0	61.0	86.3	96.0	26th	58.4	49.0	13th	50	4.5	0.70	1	0.67	21st	
	May	.710	..	..	87.8	70.6	100.5	107.0	12th	71.4	62.0	2nd	40	3.4	0.45	1	0.40	30th	
	June	.620	..	..	88.3	68.3	102.5	111.0	20th	73.3	67.0	15th	32	0.3	0	0	0	..	
	July	.490	..	..	91.7	71.5	108.2	118.0	13th	78.5	71.0	24th and 28th	34	0.4	0	0	0	..	
	August	.530	..	..	95.7	73.2	113.3	118.0	18th	78.4	72.0	20th	31	0.8	0	0	0	..	
	September	.740	..	..	88.4	67.8	105.9	117.0	7th	72.9	63.0	11th and 12th	30	0.8	0	0	0	..	
	October	.930	..	..	74.8	63.0	90.5	105.0	1st	60.9	54.0	31st	50	1.7	0.21	1	0.11	18th	
	November	30.000	..	..	62.9	54.4	105.9	117.0	7th	51.5	45.0	13th and 14th	54	3.4	0.13	0	0.09	30th	
	December	.080	..	..	47.7	46.7	61.7	72.0	1st	41.8	33.0	22nd	92	4.8	1.49	4	0.60	1st	
	Year	29.830	..	..	71.8	59.6	89.5	118.0	18th July and 18th Aug.	59.3	28.0	29th Jan.	51	2.6	3.62	8	0.60	1st Dec.	

(c) Mean of 29 days.

MONTHLY AND ANNUAL TABLE D-4 FOR 1929—concl.

Abstract of forenoon or afternoon observations at 5 stations in Baluchistan, etc.

Station and height of barometer above sea-level in feet and time of observation.	MONTH.	PRESSURE. Reduced to 32° F. and standard gravity.	WIND.		TEMPERATURE.								HUMI- DITY.	CLOUD	RAINFALL.			
			Mean direction at time of observation.	Mean velocity in miles per hour.	Mean at time of observation.	Maximum.			Minimum.			Mean at time of observation.		Total of the month or year.	Number of rainy days.	Heaviest rainfall in month or year.	Date.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Manora 18 ft. 14 hrs. (G. M. T.)	January	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	February	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	March	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	April	..	29.728	..	..	81.1	76.2	87.1	91.1	16th	..	..	..	..	79	2.3	..	..
	May	..	.602	..	..	88.7	79.5	89.5	104.0	4th	..	..	..	..	83	1.4	..	..
	June	..	.435	..	..	85.5	81.1	90.0	91.4	29th	..	..	..	..	82	7.1	..	..
	July	..	.895	..	..	85.1	80.8	88.9	92.8	1st	..	..	..	..	82	8.6	..	..
	August	..	.539	..	..	80.4	76.7	84.8	88.5	10th	..	..	..	..	83	7.8	..	..
	September	..	.705	..	..	79.2	75.5	85.8	101.0	28th	..	..	..	..	84	2.9	..	..
	October	..	.816	..	..	80.7	76.6	86.6	92.4	31st	..	..	..	..	82	1.8	..	..
	November	..	.928	..	..	77.0	68.9	86.7	94.3	3rd	..	..	..	..	65	8.8	..	..
	December	..	.985	..	..	68.6	57.9	74.9	84.0	3rd, 4th and 5th	..	..	..	..	49	8.4	..	..
Year (k)		29.681	..	..	80.1	74.8	86.0	104.0	4th May	..	..	..	..	77	1.9	..	..	..

(k) Mean of 9 months.

Table D-5.—Abstract of Observations taken at 8 hrs. at 18 fourth class stations, in the year 1929.

MONTHLY AND ANNUAL TABLE D-5 FOR 1929.

Abstract of 8 hrs. observations.

STATION.	MONTH.	WIND.			TEMPERATURE.						HUMIDITY.		CLOUD		RAINFALL.				
		Resultant direction.	Mean velocity in miles per hour.		Dry bulb.	Wet bulb.	Maximum.			Minimum.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month dry year.	Departure from normal.	Number of rainy days.	
			4	5			6	7	8	9	10	11	12						
Lumding (Assam)	January . . . . .	..	..	52.0	51.5	70.0	-4.5	74.1	48.8	+0.0	42.2	97	+2	..	3.91	+3.49	6	+5.1	1.27
	February . . . . .	..	..	53.1	52.3	67.0	-11.0	71.7	48.0	-2.3	42.8	95	+4	..	0.38	-1.61	1	-2.7	0.23
	March . . . . .	..	..	64.8	62.7	85.7	+0.6	94.8	59.0	+1.5	51.6	89	+6	..	4.08	+1.50	8	+3.0	1.40
	April . . . . .	..	..	72.6	69.4	85.7	-1.4	93.7	66.8	+2.3	80.6	85	+5	..	10.94	+6.82	13	+3.4	1.85
	May . . . . .	..	..	76.9	73.5	88.2	-1.9	94.4	71.9	+1.3	66.1	84	+2	..	11.26	+5.52	12	+2.3	1.75
	June . . . . .	..	..	79.5	76.7	88.0	-2.8	95.7	75.0	+0.6	62.6	88	+6	..	16.61	+8.66	18	+6.0	4.50
	July . . . . .	..	..	80.0	77.6	91.0	-0.3	95.3	77.0	+1.0	74.8	90	+5	..	4.79	-3.82	8	-5.0	1.34
	August . . . . .	..	..	79.5	77.1	89.7	-1.0	93.0	76.1	-0.2	74.1	89	+2	..	7.87	+0.50	7	-4.4	3.42
	September . . . . .	..	..	78.2	76.2	87.4	-2.3	92.8	74.7	+0.1	70.1	91	+2	..	4.30	-2.63	9	-1.6	1.12
	October . . . . .	..	..	73.9	72.7	84.7	-1.1	89.1	70.7	+1.0	63.1	94	+3	..	3.34	-0.96	5	-0.8	1.07
	November . . . . .	..	..	62.9	61.9	79.2	-1.4	82.1	58.8	-0.7	52.1	95	0	..	0	-0.69	0	-1.4	0
Messa (Salona) (Assam)	December . . . . .	..	..	54.6	53.9	72.9	-1.7	78.7	51.1	+0.7	42.1	95	0	..	0.36	-0.05	2	+0.7	0.14
	Year . . . . .	..	..	68.9	67.1	83.5	-0.8	94.9	64.8	+0.6	42.1	91	+3	..	67.84	+16.83	89	+4.6	4.50
	January . . . . .	..	..	57.4	54.6	74.6	-4.4	79.0	48.7	+2.9	42.2	83	+7	..	2.34	+1.75	6	+4.7	0.79
	February . . . . .	..	..	60.4	56.6	80.2	-0.8	86.1	50.7	+1.4	44.8	78	+1	..	0.06	-1.23	0	-3.3	0.06
	March . . . . .	..	..	70.3	64.6	88.0	+1.1	96.2	60.0	+3.7	52.7	78	0	..	3.72	+1.11	5	-0.3	1.98
	April . . . . .	..	..	24.9	20.9	80.7	-9.0	90.7	47.2	+4.0	60.7	79	+3	..	6.01	+0.19	12	+0.3	1.54
	May . . . . .	..	..	78.4	74.4	87.6	-3.9	96.0	71.8	+2.7	67.6	83	+6	..	21.29	+3.23	19	+5.6	2.86
	June . . . . .	..	..	82.5	77.9	90.3	-2.5	97.9	75.8	+1.4	71.2	81	+1	..	18.40	+5.18	17	-0.7	4.21
	July . . . . .	..	..	83.4	79.5	93.4	+0.2	99.1	77.1	+1.6	74.4	84	+1	..	13.76	-4.21	17	-3.2	2.51
	August . . . . .	..	..	82.7	79.1	92.4	-1.3	98.0	77.0	+1.6	74.8	85	+2	..	10.28	-6.56	21	+2.0	2.09
	September . . . . .	..	..	81.9	77.8	91.4	-2.0	97.0	74.3	+0.2	70.5	83	+1	..	18.23	+7.46	15	+0.6	4.86
	October . . . . .	..	..	77.3	73.8	87.9	-2.7	95.9	70.6	+2.4	64.3	84	+5	..	5.85	+0.87	10	+2.4	1.14
Brahmanbaria (Bengal)	November . . . . .	..	..	68.8	64.5	83.4	-2.9	86.6	58.9	+1.9	50.2	79	+2	..	0.42	-0.09	1	-0.2	0.42
	December . . . . .	..	..	61.5	58.0	76.3	-4.2	82.4	51.6	+4.7	41.5	80	+4	..	0.41	-0.03	2	+0.8	0.25
	Year . . . . .	..	..	73.3	69.3	86.0	-2.1	99.1	65.3	+2.4	41.5	81	+3	..	100.77	+17.67	125	+8.7	4.86
	January . . . . .	..	..	60.3	57.1	77.5	-1.7	80.2	50.2	-2.4	47.3	81	0	..	1.62	+1.40	3	+2.3	0.70
	February . . . . .	..	..	62.2	58.4	82.2	+0.2	88.2	53.5	-1.8	49.1	79	+1	..	0	-1.36	0	-2.2	0
	March . . . . .	..	..	73.0	68.2	93.1	+4.2	96.2	63.6	-0.5	58.9	77	0	..	0.67	-3.05	1	-3.4	0.65
	April . . . . .	..	..	76.5	73.5	91.6	+0.9	96.0	68.6	-1.0	63.9	86	+7	..	9.88	+2.23	10	+1.6	6.25
	May . . . . .	..	..	81.4	77.8	92.1	+1.2	96.2	72.8	-0.9	69.9	84	+4	..	8.84	-3.12	10	-1.7	1.60
	June . . . . .	..	..	81.7	78.7	92.9	+3.7	96.3	75.4	+0.2	72.9	87	+4	..	12.68	-3.85	13	-3.4	2.60
	July . . . . .	..	..	81.5	78.5	90.2	+1.8	92.2	76.2	-0.1	75.3	87	+3	..	9.86	-1.85	18	+1.7	2.58
	August . . . . .	..	..	81.6	78.1	89.7	+0.9	91.6	75.9	-0.6	74.3	86	+1	..	15.51	+3.23	16	-1.2	3.30
	September . . . . .	..	..	81.4	78.3	91.1	+1.1	94.2	76.1	-0.4	74.9	86	+3	..	15.22	+5.48	13	-0.1	7.30
	October . . . . .	..	..	81.8	78.2	90.3	+1.6	91.6	75.9	+2.6	73.7	86	+6	..	4.27	-1.99	6	-0.9	1.90
	November . . . . .	..	..	74.9	71.5	85.5	-0.2	87.8	69.1	+5.0	64.5	84	+8	..	0	-0.70	0	-1.1	0
	December . . . . .	..	..	65.5	61.1	80.5	+0.1	84.2	57.1	+2.9	47.9	77	0	..	1.04	+0.78	2	+1.3	0.94
	Year . . . . .	..	..	75.1	71.6	88.1	+1.2	96.3	67.9	+0.3	47.3	88	+3	..	70.59	-2.85	92	-7.1	7.80

(e) Mean of 27 days; (s) Mean of 6 days.

MONTHLY AND ANNUAL TABLE D-5 FOR 1923 - contd.

Abstract of 8 hrs. observations.

STATION.	Month.	WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.					
		1	2	Resistant Direction.		Mean 8 h.				Maximum.		Minimum.		13	14	15	16	17	18	19	20
				Mean velocity in miles per hour.	Dry bulb.	5	6	7	8	9	10	11	12				Total of the month or year.	Number of rainy days.	Departure from normal.	Heaviest fall in month or year.	
Bogolando (Bengal)	January .	.	..	..	..	62.0	59.4	..	..	..	54.8	+3.9	46.0	85	+5	..	2.12	+1.01	6	+5.3	0.98
	February	.	..	..	..	64.3	58.4	..	..	..	52.8	-0.6	44.0	70	-7	..	0	-1.89	0	-2.4	0
	March .	.	..	..	..	75.9	69.9	..	..	..	63.6	+1.7	50.0	74	0	..	0.80	-1.88	1	-2.8	0.80
	April .	.	..	..	..	80.1	76.3	..	..	..	72.4	+1.3	65.4	84	+6	..	6.13	+1.66	7	+0.9	2.88
	May .	.	..	..	..	82.8	79.7	..	..	..	75.1	+1.3	67.2	87	+7	..	7.01	-1.88	11	+1.1	1.25
	June .	.	..	..	..	82.9	70.2	..	..	..	73.9	-2.4	71.0	85	0	..	10.98	-1.86	13	-3.4	2.82
	July .	.	..	..	..	82.0	79.7	..	..	..	77.8	+0.3	70.4	90	+4	..	7.06	-1.64	18	+1.5	1.00
	August .	.	..	..	..	82.5	79.0	..	..	..	77.8	+0.2	72.0	89	+4	..	8.59	-3.28	19	+2.1	1.64
	September	.	..	..	..	83.2	79.5	..	..	..	76.9	-0.6	68.0	85	+3	..	10.37	+1.00	14	+2.0	3.22
	October .	.	..	..	..	81.9	76.0	..	..	..	73.7	+0.6	64.0	79	+2	..	4.53	-1.08	8	+1.9	1.56
	November	.	..	..	..	77.1	70.1	..	..	..	61.8	-0.9	55.0	70	-6	..	0	-0.57	0	-0.6	0
Pabna (Bengal)	December	.	..	..	..	67.2	61.7	..	..	..	53.8	+1.3	48.0	72	-6	..	1.08	+0.85	1	+0.6	1.08
	Year .	.	..	..	..	76.8	72.5	..	..	..	67.8	+0.5	43.0	81	+1	..	58.67	-0.41	98	+6.2	3.22
	January .	.	..	..	..	60.7	57.8	77.5	-1.7	84.0	51.1	-1.7	44.6	82	0	..	3.80	+8.01	6	+5.4	1.00
	February	.	..	..	..	62.6	58.3	82.4	-0.4	91.8	51.7	-4.2	44.3	76	-1	..	0.05	-1.02	0	-1.7	0.05
	March .	.	..	..	..	74.9	68.8	93.3	+2.1	103.2	62.5	-1.3	50.3	75	0	..	0.71	-0.06	1	-1.7	0.59
	April .	.	..	..	..	80.5	76.2	94.4	-1.5	102.6	69.8	-1.5	60.4	81	+2	..	4.01	+1.18	7	+2.8	1.20
	May .	.	..	..	..	84.4	79.8	96.2	+1.6	103.0	73.2	-1.4	66.3	81	-1	..	4.31	-2.77	8	-1.1	1.24
	June .	.	..	..	..	83.5	79.8	91.8	+0.5	96.3	73.2	-1.8	67.6	84	-2	..	9.56	-2.23	9	-5.6	2.61
	July .	.	..	..	..	82.5	79.7	88.9	-1.5	93.5	73.1	-3.2	70.3	88	+1	..	9.34	-2.44	19	+2.8	1.80
	August .	.	..	..	..	82.8	80.0	89.0	-1.1	92.2	73.4	-2.9	70.8	88	+1	..	4.49	-5.78	9	-7.0	1.69
	September	.	..	..	..	83.1	79.8	90.4	-1.2	95.4	73.0	-3.4	65.6	86	+2	..	7.51	-0.75	12	+0.7	3.60
	October .	.	..	..	..	79.9	77.1	89.0	-2.1	93.8	65.7	-7.2	56.4	88	+8	..	8.17	+2.74	8	+2.6	2.24
Janashedpur (Chota Nagpur).	November	.	..	..	..	71.8	68.6	85.7	-0.8	89.8	54.5	-9.3	49.1	85	+6	..	0	-0.55	0	-0.8	0
	December	.	..	..	..	60.6	58.6	77.2	-2.8	86.0	54.4	-0.1	44.6	88	+8	..	1.15	+0.96	2	+1.6	0.00
	Year .	.	..	..	..	75.6	72.0	88.0	-0.7	103.2	64.6	-3.2	44.3	88	+2	..	52.60	-0.36	81	-3.0	3.60
	January .	.	..	..	..	59.5	57.1	78.9	..	86.8	54.6	..	44.2	86	..	..	1.35	..	5	..	0.66
	February	.	..	..	..	62.4	57.5	81.9	..	94.3	55.9	..	44.0	74	..	..	0.91	..	3	..	0.66
	March .	.	..	..	..	75.7	65.8	95.8	..	106.2	66.5	..	56.0	57	..	..	0.39	..	1	..	0.84
	April .	.	..	..	..	84.5	74.3	101.6	..	108.2	75.6	..	69.6	61	..	..	0.15	..	1	..	0.10
	May .	.	..	..	..	90.2	78.6	107.5	..	112.7	80.9	..	78.6	58	..	..	0.34	..	2	..	0.20
	June .	.	..	..	..	85.3	78.5	96.9	..	106.2	78.9	..	78.6	78	..	..	5.02	..	11	..	0.75
	July .	.	..	..	..	80.3	77.7	88.3	..	100.2	76.8	..	74.1	86	..	..	34.95	..	23	..	4.48
	August .	.	..	..	..	81.1	77.0	88.3	..	93.8	76.4	..	74.1	86	..	..	18.26	..	19	..	4.44
	September	.	..	..	..	81.1	78.8	91.0	..	94.3	76.4	..	78.6	87	..	..	5.28	..	9	..	1.88
	October .	.	..	..	..	75.2	72.8	87.7	..	92.5	69.8	..	60.0	85	..	..	6.43	..	8	..	1.75
	November	.	..	..	..	63.8	60.5	88.8	..	83.5	56.8	..	48.0	81	..	..	0	..	0	..	0
	December	.	..	..	..	58.2	56.1	76.0	..	85.0	53.5	..	42.5	88	..	..	9.21	..	8	..	1.66
	Year .	.	..	..	..	74.8	69.5	89.8	..	112.7	68.5	..	42.5	77	..	..	75.29	..	86	..	0.52

(2) Mean of 8 days.

MONTHLY AND ANNUAL TABLE D-5 FOR 1929.—contd.

Abstract of 8 hrs. observations.

STATION.	Month.	WIND.			TEMPERATURE.						HUMIDITY.		CLOUD		RAINFALL.						
		Resultant direction.	Mean velocity in miles per hour.		Mean 8 h.	Maximum.			Minimum.			Mean 8 h.	Departure from normal.	Mean 8 h.	Departure from normal.	Total of the month or year.	Departure from normal.	Number of rainy days.			
			4	5		Dry bulb.	6	7	Mean.	8	Departure from normal.	9	Highest in month or year.	10	Mean.	11	Lowest in month or year.	12	16		
Gurdaspur (Punjab)	January	46.1	(b) (f)	43.1	64.8	..	72.3	40.9	..	30.8	(b) 74 (f) 70	..	1.7	0.74	..	8	..	0.81
	February . . . . .	..	..	..	47.5	44.5	68.6	..	..	80.3	41.4	..	28.0	..	1.0	0.80	..	1	..	0.81
	March	66.0	58.8	87.2	99.3	54.2	..	39.6	61	..	0.4	0	..	0	..	0
	April	78.3	67.9	95.3	103.4	64.9	..	52.8	55	..	1.1	0.25	..	2	..	0.11
	May	89.1	72.8	103.9	114.5	74.7	..	64.5	45	..	1.6	0.22	..	1	..	0.21
	June	88.5	71.2	102.3	114.9	78.6	..	65.9	42	..	1.2	3.04	..	6	..	0.88
	July	83.5	75.5	94.2	106.1	77.5	..	71.6	68	..	5.0	10.50	..	12	..	3.21
	August	81.6	75.8	91.0	98.6	77.2	..	72.3	75	..	7.4	4.67	..	9	..	1.61
	September	81.0	72.2	95.8	101.4	73.6	..	67.7	63	..	2.4	0.87	..	3	..	0.48
	October	69.4	61.3	87.6	96.7	60.9	..	50.3	61	..	2.5	3.69	..	2	..	8.29
	November	56.7	51.6	80.6	87.8	47.2	..	36.6	69	..	2.7	0	..	0	..	0
	December	48.7	46.3	64.0	77.2	42.3	..	31.7	84	..	5.7	5.98	..	5	..	2.79
	Year	69.7	61.7	86.3	114.9	61.1	..	28.0	64	..	2.7	30.21	..	44	..	3.21
Sargoda (Punjab)	January	N 8 W (f)	0.4	44.3	(b) (e)	42.3	64.5	..	73.1	(w)	..	..	(b) 84 (e) 81	..	1.2	0.78	..	2	..	0.60
	February	N 27 W	0.6	48.8	46.6	67.2	..	82.1	27.6	..	19.5	..	1.0	0.08	..	0	..	0.08	..	0.05	
	March	N 45 E	0.9	65.6	60.1	88.8	..	96.1	..	..	..	71	..	1.2	0.09	..	0	..	0	..
	April	N 61 E	1.1	70.6	66.9	97.1	..	106.9	..	..	..	49	..	1.6	0.27	..	1	..	0.27	..
	May	N 37 E	1.3	89.0	75.3	105.1	..	117.3	..	..	..	52	..	1.0	0.73	..	1	..	0.73	..
	June	S	0.9	91.6	81.3	108.4	..	118.8	(k)	..	..	(g) 67	..	0.5	0.40	..	1	..	0.40	..
	July	S 54 E	1.0	87.5	79.7	99.9	..	112.5	72.2	..	66.2	71	..	2.2	6.90	..	9	..	2.25	..	
	August	S 63 E	0.2	85.2	79.7	97.6	..	104.9	77.1	..	67.7	78	..	1.7	4.88	..	5	..	2.28	..	
	September	E	0.1	85.9	78.0	99.9	..	104.1	74.6	..	70.7	69	..	0	0	..	0	..	0	..	
	October	E	0.2	73.5	65.2	91.8	..	100.9	60.7	..	52.2	62	..	0	0	..	0	..	0	..	
	November	Calm	..	59.7	58.3	82.5	..	89.9	49.1	..	40.7	63	..	0.8	0	..	0	..	0	..	
	December	S 45 E	..	47.3	45.8	60.1	..	76.9	41.2	..	81.7	88	..	2.3	1.86	..	4	..	0.00	..	
	Year . . . . .	..	0.6	71.5	64.5	88.5	..	118.8	62.5	..	19.5	70	..	1.1	15.99	..	23	..	2.28	..
Gakhar (Sind)	January	N 41 E	1.7	50.1	48.7	75.0	..	85.0	41.1	..	24.0	58	..	0	0.05	..	0	..	0.05	..	
	February	N 68 E	1.9	56.6	55.3	79.3	..	94.5	49.5	..	30.0	55	..	0	0.02	..	0	..	0.02	..	
	March	E	1.7	71.8	60.8	99.1	..	105.0	61.7	..	47.0	51	..	0	0	..	0	..	0	..	
	April	S 67 E	2.7	80.2	68.7	104.5	..	110.0	74.0	..	64.0	56	..	0.5	0	..	0	..	0	..	
	May	S 23 E	8.0	86.9	70.5	112.5	..	120.0	79.4	..	72.0	42	..	0.3	0	..	0	..	0	..	
	June	S 26 E	5.7	87.9	78.1	113.7	..	120.0	84.2	..	81.0	64	..	1.0	0	..	0	..	0	..	
	July	S 19 E	3.9(p)	86.5	79.0	101.9	..	113.0	83.6	..	72.0	71	..	1.9	8.68	..	5	..	4.16	..	
	August	S 46 E	6.6	83.1	77.9	98.9	..	107.0	81.1	..	77.0	79	..	1.2	4.11	..	3	..	1.98	..	
	September	S 20 E	7.0	83.2	80.3	100.1	..	105.0	76.9	..	72.0	87	..	0	0	..	0	..	0	..	
	October	N 45 W	7.7	80.9	69.2	96.1	..	105.0	70.3	..	62.0	53	..	0	0	..	0	..	0	..	
	November	Calm	6.5	72.8	61.2	88.1	..	97.0	60.8	..	45.0	48	..	0.4	0	..	0	..	0	..	
	December	Calm	4.2	60.1	50.8	72.7	..	81.0	46.8	..	33.0	50	..	1.0	0	..	0	..	0	..	
	Year . . . . .	..	4.4	75.0	66.8	95.2	..	120.0	67.4	..	24.0	59	..	0.5	12.86	..	8	..	4.16	..

(b) Mean of 30 days. (e) Mean of 27 days. (f) Mean of 26 days. (g) Mean of 25 days. (h) Mean of 21 days.
 Mean of 6 months. (v) Mean of 10 days. (w) Mean of 9 days.

MONTHLY AND ANNUAL TABLE D-5 FOR 1929—contd.
Abstract of 8 hrs. observations.

STATION.	Month.	WIND.				TEMPERATURE.						HUMIDITY.			CLOUD		RAINFALL.					
		Resultant direction.		Mean velocity in miles per hour.		Mean 8 h.			Maximum.			Minimum.			Mean 8 h.		Departure from normal.		Total of the month or year.		Departure from normal.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Jammu (Kashmir)	January . .	N 18 E	..	51.9	47.1	63.4	—0.5	73.8	48.1	—0.1	34.9	69	—2	4.1	0.91	—1.47	1	—2.8	0.80			
	February . .	N 30 E	..	54.7	48.0	68.0	—0.7	81.4	49.4	—1.5	34.3	60	—7	4.4	0.25	—2.11	1	—2.5	0.22			
	March . .	N 32 E	..	71.1	57.6	85.1	+7.4	91.7	63.5	+5.4	53.7	41	—13	1.0	0.05	—2.60	0	—4.5	0.03			
	April . .	N 24 E	..	79.9	63.1	94.1	+6.0	103.3	72.2	+5.2	64.3	38	—8	3.4	1.77	+0.34	4	+0.4	0.94			
	May . .	N 22 E	..	88.6	65.0	103.2	+4.7	114.4	81.8	+4.9	74.2	25	—15	2.0	0.11	—0.68	1	—1.4	0.10			
	June . .	N 25 E	..	88.9	72.1	104.0	+3.0	115.4	82.3	+0.6	68.8	45	—6	4.0	2.10	—1.48	4	—0.4	0.73			
	July . .	N 48 E	..	83.8	75.6	95.6	+0.1	107.4	79.9	+0.0	71.3	70	0	6.1	14.73	+1.33	12	+1.2	3.05			
	August . .	N 45 E	..	81.0	77.4	91.3	—0.9	97.8	78.7	+1.7	68.8	81	+4	6.2	12.04	—1.75	7	—5.1	5.75			
	September . .	N 32 E	..	82.6	73.0	94.5	+2.4	98.1	77.6	+3.0	73.1	62	—6	1.3	0.48	—2.62	1	—2.6	0.48			
	October . .	N 37 E	..	72.7	60.7	87.3	—1.1	95.5	66.9	+0.3	60.5	48	—6	2.0	1.75	+1.05	1	—0.3	1.68			
	November . .	N 23 E	..	61.3	51.6	79.3	+1.7	88.1	57.1	+1.7	50.0	49	—9	2.3	0	—0.26	0	—0.7	0			
	December . .	N 45 E	..	50.2	46.3	63.0	—3.5	77.1	47.7	—0.3	40.1	74	+9	4.8	4.98	+4.09	8	+5.6	1.54			
	Year . .	..	..	72.3	61.5	86.0	+1.6	115.4	67.1	+1.8	34.3	55	—5	3.5	39.77	—6.41	40	—13.2	5.75		
Kargil (Kashmir)	January . .	S 1° E	..	13.2	..	(b) 29.2	+2.4	41.6	8.8	+8.5	—3.7	..	..	6.2	1.34	—0.12	4	+0.1	0.62		
	February . .	N 36 E	..	10.4	..	28.3	—1.2	52.9	4.4	+2.1	—7.9	(v)	..	4.0	0.67	—0.41	1	—1.9	0.52			
	March . .	N 11 E	..	26.1	35.1	42.3	+0.7	55.5	22.4	+7.6	7.1	100	..	2.3	1.44	+0.26	4	+1.2	0.74			
	April . .	N 35 W	..	47.1	40.3	63.8	+5.7	71.6	43.3	+12.8	33.9	58	—7	5.1	0.22	—1.50	1	—2.8	0.22			
	May . .	N 24 W	..	54.3	45.8	68.8	—3.9	82.6	48.0	+6.4	40.3	53	+1	7.2	0.69	—0.10	3	+1.4	0.23			
	June . .	N 31 W	..	62.6	50.4	80.7	—2.3	83.7	56.0	+5.2	52.2	42	0	3.5	0.12	0	1	+0.3	0.10			
	July . .	N 38 W	..	68.0	55.9	81.7	—7.4	89.0	62.8	+6.7	47.7	46	+6	6.0	2.66	+2.49	4	+3.4	0.95			
	August . .	N 37 W	..	68.0	53.8	85.2	—3.6	91.6	63.9	+8.0	54.0	40	0	4.3	0.39	+0.13	2	+0.8	0.22			
	September . .	N 41 W	..	61.5	49.9	77.3	—2.9	83.7	54.0	+6.5	48.1	44	+2	2.5	0	—0.17	0	—0.8	0			
	October . .	N 27 W	..	43.1	38.5	61.1	—6.1	69.4	39.8	+5.0	32.1	(g) 57	+12	3.4	0.83	+0.46	1	+0.5	0.80			
	November . .	N 53 W	..	32.7	..	50.8	—0.6	57.1	26.5	+6.8	23.3	..	..	2.3	0.10	—0.02	1	+0.6	0.10		
	December . .	S 73 W	..	13.5	..	2.5	—11.5	42.5	9.8	+0.3	—11.8	..	..	5.0	1.70	+1.06	6	+4.2	0.47		
	Year . .	..	..	41.7	47.8*	57.8	—2.6	91.6	36.6	+6.3	—11.8	49*	..	4.4	10.25	+2.08	28	+7.0	0.95		
Bannu (N.W.F. Province)	January . .	..	..	45.3	40.3	(d) 66.9	..	76.0	40.8	..	29.6	(d) 57	..	2.9	0.14	0	..	..	0.08		
	February . .	..	..	49.8	44.1	66.3	..	81.3	43.8	..	29.2	63	..	2.8	0.48	2	..	..	0.25		
	March . .	..	..	66.0	54.3	86.0	..	93.5	58.5	..	48.0	42	..	1.1	0.18	1	..	..	0.13		
	April . .	..	..	74.5	62.0	94.1	..	103.1	68.1	..	59.0	47	..	2.0	0.24	1	..	..	0.10		
	May . .	..	..	84.7	66.3	103.2	..	115.5	75.6	..	68.2	35	..	1.3	0.10	1	..	..	0.30		
	June . .	..	..	90.1	71.5	103.4	..	118.1	83.9	..	68.4	39	..	3.2	0.42	1	..	..	0.75		
	July . .	..	..	85.9	76.9	100.0	..	114.3	30.8	..	72.0	66	..	5.1	1.79	4	..	..	1.46		
	August . .	..	..	84.7	77.1	98.1	..	106.1	30.3	..	70.2	71	..	4.1	2.76	4	..	..	0.53		
	September . .	..	..	81.3	72.3	100.5	..	103.2	75.3	..	72.0	63	..	0.3	0.68	1	..	..	0.10		
	October . .	..	..	69.1	59.4	90.6	..	100.1	63.0	..	56.4	54	..	1.2	0.12	1	..	..	0		
	November . .	..	..	58.5	48.7	82.9	..	88.3	51.6	..	43.2	45	..	1.2	0	..	..	..	0.37		
	December . .	..	..	44.0	40.9	64.9	..	70.3	38.5	..	31.2	70	..	2.4	0.57	18	..	..	1.45		
	Year . .	..	..	69.0	59.5	88.5	..	118.1	63.3	..	29.2	54	..	2.8	7.28	..	..	..	..

(b) Mean of 8 days.
(d) Mean of 28 days.(g) Mean of 25 days.
(j) Mean of 22 days.* Mean of 7 months.
(v) Mean of 16 days.

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MONTHLY AND ANNUAL TABLE D-5 FOR 1929—contd.

Abstract of 8 hrs. observations.

STATION.	Month.	WIND.			TEMPERATURE.						HUMIDITY.			CLOUD.			RAINFALL.					
		Resultant direction.	Mean velocity in miles per hour.		Mean, 8 h.	Maximum.			Minimum.			Mean, 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month or year.	Departure from normal.	Number of rainy days.	Departure from normal.	Number of rainy days.			
			Dry bulb.	Wet bulb.		Mean,	Departure from normal.	Highest in month or year.	Mean,	Departure from normal.	Lowest in month or year.											
Razmak (N. W. F. P.)	January	(b)	33·4	..	(c)	48·3	..	58·9	27·5	..	10·2	1	..	1·9	0·10	..	1	..	0·10
	February	34·3	..	(e)	45·4	..	60·9	29·7	..	16·2	1·42	..	5	..	0·50	
	March . .	..	..	..	53·3	41·5	65·7	..	73·4	45·5	..	36·0	35	..	0·8	0·81	..	4	..	0·25
	April . .	..	..	..	53·7	46·6	70·0	..	76·9	51·9	..	42·2	40	..	1·5	1·72	..	4	..	0·01
	May . .	..	..	..	68·3	51·0	78·6	..	91·6	58·4	..	50·2	29	..	1·1	2·08	..	6	..	0·92
	June . .	..	..	..	75·0	57·0	85·2	..	94·9	63·0	..	48·7	34	..	1·9	3·89	..	3	..	3·47
	July . .	..	..	..	71·2	62·9	79·3	..	92·8	54·1	..	49·0	65	..	2·9	7·85	..	14	..	1·32
	August . .	..	..	..	68·2	60·5	76·5	..	84·7	50·8	..	45·4	65	..	1·7	6·53	..	15	..	1·04
	September . .	..	..	..	67·3	54·8	78·1	..	82·9	47·8	..	45·2	45	..	0	1·10	..	1	..	1·06
	October . .	..	..	..	55·1	42·1	68·0	..	79·1	37·5	..	31·4	32	..	0·3	0·35	..	2	..	0·16
	November . .	..	..	..	46·2	35·6	62·5	..	70·1	31·7	..	26·7	28	..	0	0·04	..	0	..	0·04
Razani (N. W. F. P.)	December . .	..	..	..	30·6	..	44·5	..	59·1	24·4	..	16·0	..	..	1·7	0·27	..	1	..	0·21
	Year . .	..	..	..	55·1	30·2	60·8	..	94·9	43·6	..	10·2	41	..	1·1	26·25	..	56	..	3·47
	January . .	..	..	..	33·2	..	48·6	..	61·9	30·9	..	13·4	..	..	..	0·25	..	1	..	0·20
	February . .	..	..	..	34·9	..	47·8	..	62·9	31·1	..	15·9	..	..	..	1·07	..	4	..	0·40
	March . .	..	..	..	53·2	43·5	68·8	..	75·9	48·6	..	38·4	(c)	..	..	1·80	..	4	..	1·24
	April . .	..	..	..	61·9	50·1	75·1	..	84·1	55·0	..	45·4	45	..	..	0·73	..	5	..	0·14
	May . .	..	..	..	73·7	55·2	83·0	..	90·9	62·7	..	55·4	31	..	..	0·96	..	1	..	0·87
	June . .	..	..	..	80·3	60·6	90·6	..	99·0	71·8	..	59·9	34	..	..	1·05	..	2	..	0·42
	July . .	..	..	..	75·4	66·2	84·3	..	96·9	60·0	..	64·4	64	..	..	3·99	..	11	..	0·92
	August . .	..	..	..	71·2	64·4	80·8	..	88·1	65·9	..	55·0	71	..	..	5·38	..	11	..	0·92
	September . .	..	..	..	69·7	57·7	83·2	..	87·7	62·7	..	55·8	49	..	..	1·39	..	1	..	1·30
	October . .	..	..	..	58·3	46·4	72·4	..	83·9	52·5	..	46·4	40	..	0·8	0·28	..	1	..	0·26
	November . .	..	..	..	50·9	39·3	65·9	..	71·9	44·9	..	39·6	(c)	..	1·6	0	..	0	..	0
	December . .	..	..	..	*	*	Observations not recorded.	..	*	*	..	*	*	..	..	*	..	..	..	..
	Year (a) . .	..	..	..	60·2	53·7	72·0	..	97·0	54·1	..	13·4	46	..	(s) 1·2	16·90	..	41	..	1·30
Duzdap (Baluchistan)	January . .	S 34° W	6·0	31·4	..	57·0	..	72·8	28·2	..	15·0	(k)	..	1·8	0	..	0	..	0	..	0	
	February . .	S 38° W	7·4	42·6	..	65·0	..	80·1	35·6	..	10·2	83	..	2·1	0	..	0	..	0	..	0	
	March . .	S 31° W	7·1	52·5	47·5	78·4	..	86·1	46·1	..	28·9	67	..	0·7	0	..	0	..	0	..	0	
	April . .	S 63° W	7·2	59·8	49·7	84·2	..	94·0	53·3	..	41·2	47	..	0·1	0	..	0	..	0	..	0	
	May . .	W	7·3	67·3	55·2	87·4	..	96·0	59·2	..	50·4	(q)	..	0	0·15	..	1	..	0·15	..	0	
	June . .	N 79° W	8·0	72·0	56·2	96·1	..	104·0	62·7	..	55·2	35	..	0	0	..	0	..	0	..	0	
	July . .	S 89° W	7·6	73·4	..	95·3	..	101·4	66·4	..	56·0	0	0	..	0	..	0	..	0	
	August . .	S 66° W	7·0	65·1	50·8	91·2	..	100·2	58·8	..	48·9	33	..	0	0	..	0	..	0	..	0	
	September . .	S 25° W	5·4	61·4	52·4	86·9	..	94·2	55·7	..	49·5	53	..	0	0	..	0	..	0	..	0	
	October . .	S 56° W	5·2	49·9	47·1	71·8	..	77·7	45·5	..	34·1	83	..	0·8	0	..	0	..	0	..	0	
	November . .	S 57° W (c)	5·3	41·5	40·8	68·5	..	72·0	35·3	..	28·2	83	..	1·6	0	..	0	..	0	..	0	
	December . .	S 39° W (d)	6·0	34·1	..	47·3	..	68·0	29·0	..	17·6	*	..	(b) 2·5	0·32	..	2	..	0·18	..	0	
	Year	6·7	54·8	49·9	77·0	..	104·0	48·0	..	10·2	58	..	0·8	0·47	..	3	..	0·18	..	0	

(b) Mean of 30 days.
 (c) Mean of 29 days.
 (d) Mean of 28 days.
 (e) Mean of 27 days.
 (f) Mean of 23 days.
 (g) Mean of 9 days.

(h) Mean of 29 months.
 (i) Mean of 27 months.
 (j) Mean of 10 days.
 (k) Mean of 6 days.

(l) Mean of 15 days.
 (m) Mean of 8 months.
 (n) Mean of 11 months.
 (o) Mean of 2 months.

(p) Mean of 18 days.
 (q) Mean of 16 days.
 (r) Mean of 12 days.

(s) Mean of 21 days.
 (t) Mean of 12 days.

MONTHLY AND ANNUAL TABLE D-5 FOR 1929—concl.

Abstract of 8 hrs. observations.

STATION.	Month.	WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.							
		Resultant direction.	Mean velocity in miles per hour.	Mean 8 h.				Maximum.				Minimum.				Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month or year.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month of year.
				5	6	7	8	Mean.	Departure from normal.	Highest in month or year.	9	10	11	12	Lowest in month or year.	13	14	15	16	17	18	19	20
Pishin (Baluchistan)	January	30.8	..	56.0	+4.1	71.9	23.5	-1.7	8.4	3.5	1.10	-0.75	2	-2.1	0.71		
	February	40.5	..	57.6	+2.2	78.0	32.8	+4.9	13.2	5.2	2.12	+0.38	6	+2.3	0.85		
	March	52.0	..	81.7	+16.9	90.3	40.8	+4.0	26.8	0.9	0.17	-1.93	1	-3.8	0.17		
	April	61.1	..	91.1	+15.9	98.7	49.4	+5.9	36.6	1.8	0.25	-0.57	1	-1.2	0.10		
	May	69.2	..	95.4	+7.5	104.7	55.0	+3.4	46.2	0.8	0.02	-0.17	0	-0.6	0.02		
	June	74.5	..	104.3	+8.6	111.0	60.2	+1.9	53.8	0	0	-0.03	0	-0.1	0		
	July	76.9	..	103.7	+5.9	112.3	67.3	+3.5	57.2	2.4	0.58	+0.49	1	+0.6	0.49		
	August	71.4	..	102.1	+6.5	106.7	61.4	+0.9	48.2	1.2	0	-0.20	0	-0.4	0		
	September	
	October	
	November	
	December	
	Year	
Extra India Chumbi (Yatung) (Sikkim).	January	23.4	..	47.3	+2.8	60.0	19.5	-0.6	10.0	3.3	1.83	+1.17	5	+3.1	0.71		
	February	23.2	..	47.6 (e)	+4.1	64.7	20.3	-1.8	12.6	2.6	0.45	-1.35	2	-1.4	0.15		
	March	30.9 (b)	..	60.8	+10.7	64.2	27.8	-0.9	22.2	(c)	2.7	3.39	+1.05	10	+3.6	0.70		
	April .	.	..	43.1 (41.6)	..	60.3	+4.5	68.7	35.7	+0.4	23.0	88	+6	3.8	2.65	-1.84	0	-1.9	0.57		
	May .	.	..	51.2	48.9	60.8	+1.0	67.7	43.2	+0.5	36.9	86	+3	5.2	5.11	+0.70	10	-1.6	1.65		
	June .	.	..	56.0	53.7	65.0	+1.6	69.8	48.9	-0.3	43.0	87	-1	5.5	5.78	-0.99	16	+0.6	0.73		
	July .	.	..	55.8	54.9	67.3	+2.8	72.0	49.3	-2.3	43.0	95	+6	4.8	7.87	+0.45	15	-4.4	0.92		
	August .	.	..	56.5	55.0	68.2	+4.4	71.0	50.0	-1.0	45.0	92	+4	4.7	3.22	-4.40	11	-8.7	0.52		
	September .	.	..	52.5	51.3	65.4	+3.0	70.6	46.4	-1.0	40.5	93	+5	6.1	5.77	+0.70	9	-2.9	2.65		
	October (b)	.	..	41.1	40.1	60.5	+2.6	67.6	36.5	-0.8	30.2	93 (d)	+7	4.2	13.10	+11.17	8	+4.2	5.20				
	November .	.	..	35.3	..	56.9	+5.1	66.0	31.5	+3.0	20.5	92	+12	3.1	0.69	+0.45	2	+1.4	0.57		
	December .	.	..	21.4	..	42.3	-2.2	51.1	18.0	-4.5	12.4	(j)	(d)	2.7	0.52	+0.37	2	+1.4	0.38		
	Year .	.	..	40.9	..	58.6	+3.3	72.0	35.6	-0.8	10.0	91	+5	4.1	50.38	+7.48	99	-6.6	5.20		
Aharan (Perja) (9 A.M. Observations.)	January .	N57W	2.9	54.3	49.3	65.3	..	73.0	47.6	..	37.0	70	..	..	1.69	..	5	..	0.63		
	February .	S28E	2.5	59.2	53.8	68.5	..	76.5	50.2	..	41.5	68	..	..	3.25	..	3	..	1.54		
	March .	N21W	3.1	66.1	58.6	77.1	..	86.0	55.7	..	49.0	52	..	..	0.29	..	1	..	0.25		
	April .	N54W	2.9	80.6	64.3	91.2	..	100.5	66.7	..	58.5	39	..	..	0.02	..	0	..	0.02		
	May .	S68W	2.3	93.1	71.0	103.7	..	108.5	78.1	..	72.5	32	..	..	0.05	..	0	..	0.03		
	June .	N59W	3.1	96.0	68.6	104.7	..	114.0	78.8	..	72.0	20	..	..	0	..	0	..	0		
	July .	N74W	2.5	97.5	71.7	108.5	..	116.0	83.9	..	75.0	25	..	0.1	0	..	0	..	0				
	August .	881W	2.0	98.2	74.0	112.5	..	117.0	83.6	..	76.0	30	..	1.2	0	..	0	..	0				
	September .	872W	2.0	91.4	71.6	106.6	..	111.5	76.7	..	69.0	36	..	0.4	0	..	0	..	0				
	October .	N72W	2.0	80.5	66.2	93.9	..	106.0	67.7	..	59.0	45	..	2.2	0.06	..	0	..	0.05				
	November .	S25W	1.9	69.6	61.1	82.1	..	90.0	56.7	..	50.0	59	..	2.6	0.27	..	1	..	0.20				
	December .	N34W	2.3	55.0	51.8	64.4	..	73.5	48.0	..	41.0	80	..	3.1	1.36	..	5	..	0.45				
	Year .	.	2.5	78.5	63.3	89.8	..	117.0	66.1	..	37.0	46	..	1.6	6.89	..	15	..	1.54				

(b) Mean of 30 days. (c) Mean of 29 days (s) Mean of 7 months. (d) Mean of 8 months. (e) Mean of 6 months. (f) Mean of 20 days.

**Table D-6.—Abstract of observations taken at 8 hrs. at 29 fifth
class stations in the year 1929.**

MONTHLY AND ANNUAL

Abstract of 8 hrs.

STATION.	JANUARY.						FEBRUARY.						MARCH.					
	Number of rainy days. 2	Departure from normal. 3	Rainfall of month. 4	Departure from normal. 5	Heaviest rainfall during month. 6		Number of rainy days. 7	Departure from normal. 8	Rainfall of month. 9	Departure from normal. 10	Heaviest rainfall during month. 11		Number of rainy days. 12	Departure from normal. 13	Rainfall of month. 14	Departure from normal. 15	Heaviest rainfall during month. 16	
BENGAL—																		
Comilla	2	+1.2	0.50	+0.21	0.32	0	-2.0	0	-1.18	0	1	-2.7	1.13	-1.82	1.13			
Faridpur	3	+2.1	0.99	+0.54	0.44	0	-2.2	0.08	-1.24	0.08	1	-2.2	1.09	-1.24	1.09			
Sirajganj	5	+4.8	1.70	+1.38	0.81	1	-0.6	0.46	-0.31	0.46	3	+0.7	0.69	-0.64	0.36			
Rampur Boalia	2	+1.2	1.43	+1.08	1.05	0	-1.5	0	-0.58	0	3	+1.0	1.74	+0.54	0.90			
Malda	4	+3.1	2.61	+2.06	1.30	0	-1.7	0.05	-0.79	0.05	3	+1.7	2.27	+1.56	1.81			
Rangpur	3	+2.1	2.45	+2.11	1.16	0	-1.3	0	-0.69	0	1	-0.8	0.99	-0.14	0.90			
Cooch Behar	4	+3.5	1.91	+1.72	1.00	0	-1.8	0	-0.87	0	4	+1.3	0.90	-1.01	0.27			
Krishnagar	2	+1.1	1.19	+0.75	0.70	2	+0.3	0.37	-0.88	0.22	1	-1.4	1.38	-0.44	1.25			
Bankura	5	+3.8	1.86	+1.35	0.95	3	+1.1	1.94	+0.90	1.27	2	-0.2	1.54	+0.29	1.40			
BHARAT AND ORISSA—																		
Hazaribagh*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bhagalpore	6	+5.0	2.99	+2.51	1.00	0	-1.6	0.06	-0.66	0.06	1	-0.4	0.46	-0.11	0.46			
Muzaffarpur	4	+2.9	1.17	+0.65	0.44	0	-1.6	0	-0.54	0	1	-0.1	0.15	-0.32	0.15			
Motihari	8	+1.9	0.88	+0.35	0.83	0	-1.8	0.01	-0.54	0.01	2	+1.1	1.03	+0.51	0.75			
Chapra	4	+2.8	1.94	+1.39	1.07	0	-1.6	0	-0.63	0	1	-0.1	0.33	-0.05	0.33			
Arrah	5	+3.8	2.41	+2.78	1.05	0	-1.5	0	-0.74	0	0	-1.1	0.05	-0.42	0.05			
Delhi	3	+1.6	3.70	+3.12	1.80	0	-1.8	0.05	-0.73	0.05	1	-0.2	0.28	-0.19	0.28			
UNITED PROVINCES—																		
Meerut*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
RAJPUTANA—																		
Udaipur*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HYDERABAD (DECCAN)—																		
Parbhani*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MADRAS—																		
Palamcottah*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
KASHMIR—																		
Sonamarg*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BALUCHISTAN—																		
Harnai*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HILL STATIONS EXCLUSIVE OF KASHMIR—																		
Mahabaleshwar . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gnatong	5	+2.0	2.27	-0.53	0.80	5	-4.6	2.70	-5.22	0.74	16	+4.2	7.87	-1.15	1.12			
Lachung	6	+3.4	1.77	+1.18	0.80	..	..	..	..	..	7	-5.8	8.74	-2.54	1.56			
Dharampore*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mussooree*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dalhousie*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bakloh	6	..	3.15	..	1.00	5	..	..	1.85	..	0.48	0	..	..	..	..	..	0
Kyelang	9	+3.4	2.60	-0.26	0.62	7	+1.1	1.94	-0.75	0.50	4	-3.8	4.02	-0.03	1.90			

* Giving only annual rainfall as it is published in M. W. B.

TABLE D-6 FOR 1929.

Observations.

MONTHLY AND ANNUAL

Abstract of 8 hrs

STATION.	1	AUGUST.					SEPTEMBER.					OCTOBER.				
		Number of rainy days.	Departure from normal.	Rainfall month.	of	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	of	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	of	Heaviest rainfall during month.
BENGAL—																
Comilla	14	-8.9	10.29	-5.44	1.75	11	-2.5	12.20	+1.27	4.09	7	+0.9	2.11	-4.41	0.49	
Faridpur	16	-1.4	6.84	-5.58	1.44	13	+0.8	12.76	+3.47	5.67	10	+4.6	5.22	+0.48	1.28	
Sirajganj	15	-0.4	5.99	-5.51	1.34	10	-1.6	11.55	+1.84	4.38	10	+5.1	5.48	+0.54	1.20	
Rampur Boalia	13	-1.6	7.17	-3.15	2.30	10	-2.2	10.68	+0.64	7.52	8	+3.6	11.25	+7.52	3.40	
Malda	11	-3.8	13.94	+2.42	6.59	6	-5.2	7.54	-3.25	4.56	12	+7.9	19.93	+15.59	5.11	
Rangpur	8	-6.1	5.78	-7.85	2.98	10	-3.1	9.34	-4.40	2.26	12	+7.8	26.29	+20.03	6.22	
Cooch Behar	12	-6.2	13.80	-11.35	2.66	15	-0.8	21.74	-4.66	5.52	11	+5.5	20.09	+12.41	7.93	
Krishnagar	16	+1.1	5.39	-4.78	1.14	12	+0.0	8.87	+0.84	1.67	8	+3.1	4.18	-0.20	1.17	
Bankura	19	+3.2	17.24	+5.77	4.75	6	-5.5	2.98	-5.76	1.49	7	+2.8	8.81	+5.90	4.23	
BIHAR AND ORISSA—																
Hazaribagh*
Bhagalpore	12	-1.0	6.76	-4.03	1.40	2	-7.5	1.84	-7.55	0.01	9	+6.4	14.07	+11.85	5.75	
Muzaffarpur	13	-0.7	7.86	-5.56	1.60	6	-2.9	5.26	-2.28	3.10	8	+5.5	6.88	+4.31	2.40	
Motihari	12	-1.6	12.53	-0.93	3.03	4	-5.1	1.47	-7.81	0.67	8	+5.5	7.31	+4.91	1.15	
Chapra	15	+1.5	15.41	+3.55	3.11	6	-2.8	2.35	-5.03	1.28	6	+3.5	5.88	+3.70	2.02	
Arrah	16	+1.9	18.64	+6.00	3.74	8	-1.4	5.85	-2.12	1.48	7	+3.9	4.88	+2.34	1.50	
Dehri	21	+6.5	17.86	+3.86	2.30	4	-4.8	3.84	-3.04	2.05	10	+7.1	4.43	+2.28	1.46	
UNITED PROVINCES—																
Meerut*
RAJPUTANA—																
Udaipur*
HYDERABAD (DECCAN)—																
Parbhani*
MADRAS—																
Palambattah*
KASHMIR—																
Sonamarg*
BALUCHISTAN—																
Harnai*
HILL STATIONS EXCLUSIVE OF KASHMIR—																
Mahabaleshwar	81	..	63.41	..	5.70	22	..	18.84	..	2.60	9	..	6.17	..	1.25	
Ghatong	30	+2.5	21.05	-7.57	1.85	21	-2.6	13.75	-2.78	4.10	17	+6.5	26.85	+22.22	7.55	
Lachung	22	-3.1	6.09	-8.67	0.61	15	-3.9	8.92	+1.61	1.04	15	+6.2	10.81	+7.17	2.73	
Dharampore*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mussoorie*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dalhousie*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Balkot	28	..	40.93	..	6.18	3	..	4.29	..	2.80	3	..	3.16	..	1.61	
Kyelang	2	-1.9	0.63	-0.80	0.24	0	-2.7	0	-1.86	0	2	+0.8	8.43	+2.72	2.80	

* Giving only annual rainfall as it is published in M. W. R.

TABLE D-6 FOR 1929—concl.

observations.

Number of rainy days. 52	NOVEMBER.				DECEMBER.				YEAR.							
	Departure from normal. 53	Rainfall month. 54	of 55	Departure from normal. 56	Heaviest rainfall during month. 57	Number of rainy days. 57	Departure from normal. 58	Rainfall month. 59	of 60	Departure from normal. 61	Heaviest rainfall during month. 61	Number of rainy days. 62	Departure from normal. 63	Rainfall year. 64	of 65	Departure from normal. 66	Heaviest rainfall during year. 66
0	-1.4	0	-1.03	0	2	+1.7	1.60	+1.87	1.50	90	-10.2	85.85	-4.96	4.60		
0	-1.3	0	-1.10	0	1	+0.7	1.51	+1.89	1.49	95	+1.7	61.70	-10.02	5.67		
0	-0.7	0	-0.62	0	1	+0.7	0.19	+0.08	0.10	93	+10.2	61.11	-3.28	4.38		
0	-0.7	0	-0.49	0	3	+2.9	0.77	+0.71	0.24	77	+2.4	58.18	+2.08	7.62		
0	-0.7	0	-0.35	0	2	+1.9	0.41	+0.36	0.17	68	-0.9	74.11	+18.01	6.59		
0	-0.3	0	-0.21	0	2	+1.8	0.72	+0.68	0.43	91	+7.8	84.27	+2.24	6.22		
0	-0.4	0	-0.23	0	1	+0.7	0.13	+0.03	0.13	104	-0.9	119.75	-27.26	7.93		
0	-1.2	0	-0.98	0	2	+1.8	1.85	+1.76	1.41	88	+9.8	51.00	-7.40	2.60		
0	-1.1	0	-0.64	0	3	+2.8	1.92	+1.84	0.98	77	+2.7	71.11	+14.11	4.75		
+	..	..	..	1	..	..	..	..	..	81	+5.8	56.56	+3.28	6.80		
0	-0.4	0	-0.27	0	3	+2.9	0.47	+0.39	0.15	66	+5.4	46.79	-1.59	5.75		
0	-0.4	0	-0.23	0	2	+1.9	2.12	+2.06	1.11	57	+0.1	46.02	-2.83	3.68		
0	-0.2	0	-0.20	0	2	+1.6	1.18	+1.04	0.74	65	+6.1	52.07	-2.79	3.81		
0	-0.4	0	-0.26	0	3	+2.7	2.89	+2.27	1.32	60	+6.3	43.87	-0.55	3.11		
0	-0.5	0	-0.27	0	4	+3.6	4.11	+3.96	2.91	68	+6.7	68.11	+17.49	6.80		
0	-0.6	0	-0.46	0	4	+3.6	1.63	+1.40	0.56	69	+14.2	43.98	+1.51	2.87		
+	..	..	..	..	..	..	..	..	..	41	+2.5	20.29	-11.67	1.66		
+	..	..	..	..	..	..	..	..	..	81	-1.7	22.68	-1.15	4.20		
+	..	..	..	..	..	..	..	..	..	46	-4.2	23.51	-13.62	3.50		
+	..	..	..	..	..	..	..	..	..	52	+10.7	34.91	+6.57	2.25		
+	..	..	..	..	..	..	..	..	..	117	+11.5	59.84	-12.05	2.76		
+	..	..	..	..	..	..	..	..	..	24	-1.7	12.16	-2.01	1.72		
1	..	0.82	..	0.30	1	..	0.43	..	0.39	95*	..	181.62*	..	7.63		
10	+7.4	2.75	-1.82	0.75	4	+1.5	0.95	+0.08	0.40	204	+15.0	173.16	+8.10	7.45		
7	+4.2	1.76	+0.68	0.45	4	+2.4	1.07	+0.52	0.31	152	-5.2	65.88	+0.14	2.73		
+	..	..	..	..	..	..	..	..	..	54	..	42.00	..	3.40		
+	..	..	..	..	..	..	..	..	..	98	-9.2	81.06	-28.68	3.05		
0	..	0.01	..	0.01	11	..	15.61	..	5.42	88	..	90.90	..	5.70		
1	+0.1	0.20	-0.15	0.18	7	+4.4	8.63	+2.61	0.80	49	-0.2	105.88	..	6.18		
												28.60	+8.49	2.93		

*Total from July to December.

APPENDIX.

**Climatic Tables of Kodaikanal and Madras for 1929 and tables
of extra observations taken during the year at Lahore,
Bombay and Trivandrum.**

TABLE I.

Height of Barometer cistern above mean sea level 7,688 feet.

Latitude— $10^{\circ} 13' 50''$ NLongitude— $5^{\circ} 9' 52''$ E

Mean Monthly and Annual Meteorological Results at the Kodaikanal Observatory in 1929.

	BAROMETER.		DRY BULB THERMOMETER.				WET BULB.		TENSION OF VAPOUR.	RELATIVE HUMIDITY.	Min. on Grass.	WIND.		RAIN.		Clear Sky.	Bright Sunshine.	
	Reduced to 32°.	Daily Range.	Mean.	Max.	Min.	Range.	Mean.	Min.	By Blanford's Tables.			Daily Velocity	Mean Direction.	Amount.	Days.			
	Inches.	Inches.	°	°	°	°	°	°	Inches.	Cents.	Miles.	Points.	Points.	Inches.	No.	Cents.	Hours.	
January	22.849	0.067	53.5	62.7	46.6	16.1	47.0	41.8	0.278	67	38.2	202	2	N. N. E.	1.37	4	55	221.7
February	-845	-0.72	55.5	64.4	48.0	16.4	49.3	44.2	-284	66	40.4	216	5	N. E. by E.	1.13	4	58	219.3
March	-854	-0.66	57.7	68.4	48.6	19.8	49.8	43.6	-267	56	39.1	225	3	N. E. by N.	0.87	1	65	246.0
April	-843	-0.76	58.8	67.4	52.4	15.0	54.0	46.0	-374	76	46.0	190	4	N. E.	15.12	17	34	185.4
May	-828	-0.74	61.8	70.2	55.2	15.0	56.0	51.4	-386	70	42.5	147	3	N. E. by N.	7.19	11	35	199.2
June	-772	-0.58	57.7	64.2	53.4	10.8	54.2	50.5	-383	81	46.5	256	25	W. by N.	5.54	11	17	90.1
July	-763	-0.64	56.4	63.1	52.3	10.8	52.4	48.9	-359	79	47.4	206	25	W. by N.	3.06	7	24	120.4
August	-790	-0.60	56.3	63.3	52.1	12.2	53.1	51.1	-371	83	47.1	194	27	N. W. by W.	6.32	9	19	131.8
September	-798	-0.73	57.4	65.2	52.3	12.0	54.0	45.5	-383	81	47.2	203	28	N. W.	8.57	16	32	157.3
October	-831	-0.76	56.3	63.3	51.8	11.5	53.7	49.8	-386	86	46.9	183	32	N.	9.11	16	25	128.5
November	-829	-0.73	55.2	61.8	50.5	11.8	52.9	47.9	-372	86	46.8	208	4	N. E.	13.28	15	28	134.9
December	-835	-0.71	53.4	61.0	47.3	13.7	49.0	43.1	-403	74	41.4	251	5	N. E. by E.	6.94	12	60	178.3
Annual	22.820	0.068	56.9	64.6	50.8	13.8	52.9	41.3	3.346	75	44.1	214	32	N.	78.00	123	36	2012.7

Extreme Monthly Meteorological Records at the Kodaikanal Observatory in 1929.

	BAROMETER.				DRY BULB THERMOMETER.				WET BULB.		HUMIDITY.		GRASS THERM.		WIND.		RAIN.				
	Highest.		Lowest.		Range.		Highest.		Lowest.		Lowest.		Lowest.		Highest.		Lowest.				
	Inches.	Day.	Inches.	Day.	Inches.	Day.	°	Day.	°	Day.	Cents.	Day.	°	Day.	Miles.	Day.	Miles.	Day.	Inches.	Day.	
January	22.958	9.11	22.742	31	0.211	66.9	19	41.3	6	32.6	5	16	18	28.9	19	356	8	64	30	0.62	9
February	-941	25	-730	2	-211	67.7	25	45.2	14.22	35.5	15	15	17	31.6	15	504	23	90	8	0.52	9
March	-929	7	-775	24	-15.4	72.8	28	44.4	1	32.3	1	9	1	29.3	1	409	18	123	10	0.27	12
April	-925	16	-752	22	-17.3	74.1	8	49.7	1	41.3	2	18	2	37.1	1	310	6	95	29	3.61	10
May	-928	19	-737	1	-191	72.7	10.26.27	51.4	32	46.7	27	35	26	37.2	22	238	1	71	26	2.29	4
June	-906	12	-683	25	-222	69.1	24	51.6	18	46.7	4	50	13	32.2	2	490	4	119	11	0.98	25
July	-867	20	-674	6	-193	66.8	26	50.4	14	44.9	16	49	25	42.2	22	457	25	167	21	0.75	7
August	-875	28	-706	23	-169	66.9	1	49.7	26	45.5	9	48	5	41.5	27	335	20.23	59	13	1.58	14
September	-889	30	-694	25	-195	70.6	10	49.8	2	42.6	2	40	2	39.4	11	399	26	119	20	2.20	20
October	-911	26	-739	2	-172	67.8	19	49.1	28	42.1	19	48	18	38.3	19	521	31	74	12	1.80	27
November	-902	29	-721	5	-181	66.3	18	47.3	18	36.4	10	21	10	38.1	22	550	7	111	26	3.58	6
December	-920	4	-741	15	-189	66.9	20	42.2	31	33.1	31	14	31	32.1	19	621	2	151	19	1.76	2

TABLE II.
Kodaikanal mean hourly wind velocity for 1929.

Month.	Hours.																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
January	9	10	9	9	10	9	10	10	10	10	10	9	8	7	6	5	5	6	7	8	8	8	8	8
February	8	9	11	10	11	10	11	10	10	12	12	12	10	9	7	6	5	5	6	7	8	9	10	
March	10	11	11	11	12	12	12	11	12	12	12	10	9	10	9	8	6	6	6	6	6	8	9	
April	8	7	8	8	8	8	8	8	8	9	10	10	9	9	8	7	6	6	6	6	7	8	8	9
May	7	7	6	7	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	
June	13	11	12	11	12	11	11	10	9	9	10	10	9	9	9	9	10	10	10	12	12	12	13	
July	13	14	14	13	13	13	14	12	12	11	11	10	10	10	10	11	11	12	13	13	14	14	14	
August	10	10	10	10	11	10	9	8	6	7	8	7	7	6	6	6	7	7	6	6	6	10	10	
September	9	9	9	10	9	10	10	9	8	8	8	8	7	7	7	8	7	9	8	9	8	9	9	
October	8	8	9	8	8	9	9	8	7	7	8	8	8	7	7	6	6	7	7	8	8	8	9	
November	10	11	10	10	10	10	10	9	9	8	9	8	8	8	7	7	7	8	9	8	9	9	9	
December	11	11	10	10	11	12	12	12	13	12	12	11	10	10	8	8	8	8	9	10	10	10	11	
Mean	10	10	10	10	10	10	10	10	9	9	10	9	9	8	8	7	7	7	8	8	9	9	10	

TABLE III.
Kodaikanal mean hourly bright Sunshine for 1929.

Month.	Hours.											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
January . . . . .	..	0.54	0.72	0.76	0.79	0.82	0.81	0.76	0.65	0.60	0.52	0.10
February	0.26	.80	.84	.90	.88	.80	.76	.66	.56	.53	.51	.34
March . . . . .	.45	.73	.94	.93	.88	.71	.68	.63	.54	.48	.50	.27
April . . . . .	.29	.65	.78	.85	.82	.76	.66	.57	.38	.28	.12	.03
May . . . . .	.26	.62	.78	.81	.81	.78	.73	.60	.43	.31	.22	.07
June . . . . .	.13	.34	.40	.42	.47	.36	.30	.16	.16	.16	.10	—
July . . . . .	.16	.49	.60	.51	.52	.44	.35	.25	.19	.21	.13	.04
August . . . . .	.26	.60	.68	.57	.59	.54	.39	.22	.19	.15	.09	.01
September . . . . .	.33	.67	.76	.69	.67	.58	.44	.31	.26	.23	.19	.13
October . . . . .	.26	.43	.58	.59	.55	.48	.43	.32	.19	.17	.13	.04
November . . . . .	.07	.41	.54	.52	.51	.52	.48	.50	.39	.27	.27	.01
December . . . . .	.01	.54	.70	.73	.68	.65	.62	.51	.55	.41	.26	.06
Mean	0.27	0.59	0.69	0.69	0.68	0.62	0.55	0.48	0.37	0.32	0.26	0.10

TABLE IV.
KODAIKANAL OBSERVATORY.

Number of days in each month on which the Nilgiris were visible in 1929.

Month.	Very clear.	Visible.	Just-visible.	Top only visible.	Total.
January	3	6	6	1	16
February . . . . .	..	5	3	2	10
March . . . . .	..	6	1	1	8
April	2	7	..	..	10
May	1	17	..	..	18
June . . . . .	..	19	1	..	20
July . . . . .	..	2	1	..	3
August . . . . .	..	9	..	..	9
September	11	8	..	..	19
October	5	3	1	..	14
November	5	6	1	..	12
December	9	12	..	..	21
TOTAL	36	103	16	4	166

TABLE V.

Madras Observatory :—Monthly and Annual abnormals of the meteorological elements for 1929.

Abnormals of.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
Atmospheric pressure . . .	-0.057	-0.037	-0.012	+0.015	-0.018	-0.021	-0.031	-0.018	-0.014	Normal	-0.032	-0.035	-0.021
Temperature of air . . .	+0.7	+0.4	+0.5	+0.1	+1.6	+0.9	+1.8	+0.4	-1.3	+1.1	+0.5	+1.3	+0.8
Temperature of evaporation . . .	+1.9	+0.7	+0.2	+0.1	+0.7	-0.7	-0.6	+0.2	+0.3	+0.6	+0.9	+1.8	+0.5
Percentage of humidity . . .	+5	+2	-1	Normal	-2	-5	-7	Normal	Normal	-1	+2	+3	Normal
Maximum in shade . . .	-0.6	-1.7	+0.2	-0.1	+2.0	+1.7	+3.1	+0.5	-0.9	+1.0	-0.7	+0.3	+0.4
Minimum in shade . . .	+1.1	+1.7	-0.1	+0.3	+1.0	+0.8	+1.3	+0.4	+0.7	+0.7	+0.6	+1.1	+0.8
Minimum on grass . . .	+2.3	+2.7	-0.1	+0.4	+1.6	+0.7	+1.4	+0.3	+0.6	+0.9	+0.7	+1.1	+1.1
Rainfall in inches . . .	+0.98	+6.13	-0.38	-0.07	-1.37	-0.64	-1.77	-0.30	+2.67	-4.05	+1.71	+0.49	+3.40
Rainfall since January 1st . . .	+0.98	+7.11	+6.73	+6.66	+6.29	+4.65	+2.88	+2.58	+5.25	+1.20	+2.91	+3.40	+3.40
General direction of wind . . .	2 points E	Normal	3 points E	1 point E	Normal	Normal	1 point S	1 point S	2 points S	10 points W	Normal	1 point E	1 point S
Daily velocity in miles . . .	-19	-22	-37	-46	-31	-3	-6	-9	-22	-4	+5	-45	-20
Percentage of cloudy sky . . .	-4	+6	-7	+14	+2	+10	+3	+4	-4	+4	+6	-2	+3
Percentage of bright sunshine . . .	+9.1	-5.0	+12.5	+1.2	+5.3	+0.7	+9.5	+5.5	+13.6	+1.3	+3.8	+7.9	+5.1

+ Means above normal. — Means below normal.

TABLE VI.

Madras Observatory :—Number of hours of wind from each point in 1929.

Month.	N	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	Calm			
January*	29	45	40	23	19	36	28	47	32	57	84	54	38	3	14	2	5	6	7	2	1	..	..	..	..	..	..	5	53	41	25		
February	6	2	7	26	46	45	67	55	88	75	97	44	26	2	3	2	..	2	5	2	2	..	..	2	1	1	5	5	1	26	17			
March .	6	8	5	8	12	47	37	44	95	132	116	70	53	32	9	4	7	4	9	5	..	3	1	..	..	..	1	1	4	31			
April .	3	1	..	3	2	..	5	16	22	35	160	223	85	40	38	15	23	12	6	7	..	..	2	1	..	..	2	..	..	19			
May .	2	1	3	1	4	2	..	1	7	25	21	33	84	90	118	71	63	61	27	24	27	12	8	16	12	6	6	8	2	4	1	..	4			
June .	..	..	..	1	..	1	1	1	3	4	3	26	13	27	49	36	21	41	58	79	43	65	129	61	29	22	5	..	1	1	..	0	
July .	..	..	1	..	1	..	4	4	3	6	25	18	16	25	56	36	21	39	45	30	49	66	133	70	35	21	23	8	1	1	5	1	1	
August .	..	1	..	..	..	2	2	7	11	26	37	33	27	43	33	35	48	55	55	63	43	56	45	27	17	28	23	8	9	7	..	3	
September .	..	1	13	8	3	9	2	4	20	20	53	64	86	30	50	23	40	38	46	20	23	8	22	23	11	12	28	13	8	6	22	1	13			
October .	39	21	28	49	24	59	18	25	7	16	21	11	13	5	24	9	7	16	24	47	33	21	29	30	18	8	24	3	4	12	54	36	9			
November	145	182	52	46	40	30	9	17	16	3	1	13	10	2	5	4	..	..	..	..	..	..	..	..	..	..	8	39	147	1			
December	46	93	116	111	86	62	47	46	26	23	26	4	10	6	1	..	1	..	1	2	5	24	7					
Annual .	276	305	265	285	287	291	215	251	320	394	508	534	605	334	412	258	215	278	289	270	248	221	378	245	186	88	115	56	81	54	188	280	130			

*Record for 29 days.

TABLE VII.

'Madras Observatory:—Number of miles of wind from each point in 1929.'

Month.	N	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	TOTAL	
January*	194	208	217	138	98	165	170	178	124	227	365	286	126	16	44	11	20	25	39	8	3	..	..	..	..	..	..	..	53	458	443	3,616	
February	20	10	25	90	107	250	338	207	447	285	414	203	102	8	16	9	..	6	19	6	5	6	..	6	2	3	2	17	13	6	87	2,808		
March	18	19	28	22	89	174	160	183	493	585	595	475	294	176	50	27	41	20	41	25	..	11	2	..	..	..	..	..	2	5	7	3,551	
April	7	3	..	7	8	..	..	36	125	118	259	925	1,619	524	153	161	98	140	71	36	37	..	..	7	2	..	..	8	..	..	..	4,344	
May	2	1	24	7	7	8	..	9	44	141	142	201	744	970	1,068	631	538	387	205	139	101	80	61	119	86	37	46	59	11	16	9	..	6,073	
June	..	..	..	..	3	..	11	7	9	26	19	30	234	131	296	461	312	159	334	402	571	346	577	1,353	654	295	212	61	..	7	9	..	6,519
July	11	..	6	..	25	25	22	42	168	157	148	223	430	243	152	224	260	190	371	528	1,255	684	333	216	166	39	9	3	30	8	5,968
August	4	18	17	55	91	204	274	259	223	320	256	243	318	332	388	355	249	835	297	197	127	223	186	62	70	46	..	5,104
September	6	41	56	21	23	13	32	97	166	383	456	439	168	222	135	215	201	257	110	91	41	111	127	61	73	182	111	59	42	88	2	4,029
October	231	97	107	220	172	266	107	123	98	69	61	52	53	26	138	41	45	105	121	238	167	124	150	208	109	36	107	13	16	64	233	143	3,683	
November	989	935	458	360	204	174	73	69	71	33	4	81	82	21	57	37	..	..	..	..	..	..	..	..	..	..	..	..	48	226	1,174	5,096	
December	260	502	709	797	548	380	303	217	106	73	85	24	19	23	4	..	4	..	6	..	3	..	..	..	..	..	..	12	25	159	4,270		
Annual	1,721	1,785	1,620	1,709	1,349	1,451	1,214	1,105	1,646	1,854	2,710	3,458	4,016	2,680	2,963	1,863	1,515	1,770	1,753	1,661	1,566	1,619	3,267	2,089	1,094	705	793	410	189	332	1,126	2,028	55,061	

* Recorded on 29 days.

TABLE VIII.

'Madras Observatory.—Number of inches of rain from each point in 1929.'

Month.	N	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	Calm	TOTAL	
Inches																																			
Jan.	..	..	0.04	..	..	..	..	..	..	0.01	..	..	0.14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.87			
Feb.	..	..	..	0.30	1.93	0.27	0.40	0.02	..	..	0.60	0.15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6.41			
Mar.	..	0.01	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.01		
April	..	..	..	..	..	..	..	..	..	0.19	..	..	0.08	..	..	0.06	0.01	..	0.22	0.01	..	..	..	..	..	..	..	..	..	..	..	0.55		
May	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.75	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.75	
June	..	..	..	..	0.18	..	..	..	..	..	..	..	0.01	..	..	0.14	..	0.04	0.16	0.07	0.02	0.10	0.05	0.04	0.10	..	..	0.11	0.41	..	0.04	..	..	1.47
July	..	..	..	..	..	..	..	..	..	0.25	0.13	..	..	0.06	..	0.10	0.23	0.11	..	0.01	0.15	0.01	..	0.24	0.33	0.29	0.03	0.08	..	0.08	..	..	2.10	
Aug.	..	..	..	..	..	..	..	..	..	..	..	..	0.05	..	..	0.02	..	0.17	..	0.54	0.74	1.07	0.11	0.27	0.02	0.34	..	0.49	0.02	0.40	..	..	0.02	4.26
Sept.	0.17	0.11	..	1.98	0.91	..	0.06	0.29	0.32	0.68	0.53	..	0.03	..	0.01	..	0.34	0.17	..	1.66	..	0.10	7.35
Oct.	0.23	..	0.59	0.05	0.28	..	..	0.32	0.45	..	0.11	14	..	..	0.11	0.17	..	0.21	..	0.24	0.04	..	0.01	0.61	..	0.07	..	..	0.09	1.54	0.82	..	6.95	
Nov.	4.88	0.80	2.23	1.37	0.19	0.18	0.20	0.93	0.84	0.07	..	0.04	..	..	0.09	0.02	..	..	..	..	..	..	..	..	..	..	..	..	1.10	1.08	..	14.92		
Dec.	0.28	0.06	0.52	0.99	0.40	0.32	2.11	0.20	0.42	0.24	0.22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.01	5.77	
Annual	5.36	0.87	3.98	2.89	2.80	0.77	3.14	1.79	1.71	0.51	1.05	1.10	0.32	2.22	1.43	0.57	0.69	1.20	1.71	0.84	1.32	2.27	0.66	0.04	1.20	0.59	1.22	0.25	..	1.15	5.86	3.20	0.13	52.42	

TABLE IX.

Madras Observatory :—Wind, cloud and bright sunshine in 1929.

Month.	WIND RESULTANT.		CLOUD (0—10).					BRIGHT SUNSHINE.		REMARKS.
	Velocity.	Direction.	8 h.	10 h.	16 h.	20 h.	Mean.	Average per day.	Greatest number of hours per day.	
January . . .	Miles.	Points.						Hours.	Hours.	
January . . .	67.2	N. E.	3.3	4.8	3.4	1.7	3.3	8.5	10.1	
February . . .	79.8	E. by N.	2.9	4.0	3.3	1.9	3.0	8.9	11.4	
March . . .	95.1	E. by S.	2.0	3.0	1.4	0.4	1.7	10.4	11.3	
April . . .	130.6	S. E.	6.4	4.5	4.2	2.5	4.2	8.9	11.5	
May . . .	151.4	S. S. E.	4.7	4.1	4.2	2.8	4.0	8.2	10.7	
June . . .	156.6	S.W. by S.	6.7	6.3	8.5	8.1	7.4	5.1	9.4	
July . . .	125.8	S.W.	7.1	6.5	8.4	7.6	7.4	5.3	9.2	
August . . .	88.9	S.S.W.	7.1	7.0	8.4	6.7	7.3	5.4	10.7	
September . . .	59.8	S.S.E.	6.3	6.0	6.4	4.0	5.8	6.7	11.2	
October . . .	13.1	N.N.W.	6.1	6.6	7.2	5.2	6.3	6.0	10.2	
November . . .	139.8	N. by E.	6.3	7.8	7.0	5.2	6.5	6.7	9.8	
December . . .	119.0	N.E.	5.0	5.7	5.7	3.4	5.0	6.9	9.7	
Annual . . .	94.1	S.W. by S.	5.2	5.6	5.7	4.2	5.2	7.2	..	

TABLE X.

Mean Monthly and Annual Meteorological Results at the Madras Observatory in 1929.

Month.	BAROMETER.		DRY BULB THERMOMETER.				WET BULB.		TENSION OF VAPOUR.	RELATIVE HUMIDITY.	Min. on Grass.	WIND.		RAIN.		Cloudy Sky.	Bright Sunshine.	
	Reduced to 32°.	Daily Range.	Mean.	Max.	Min.	Range.	Mean.	Min.	By Simpson's Tables.			Daily Velocity.	Mean Direction.	Amount.	Days.			
	Inches.	Inches.	°	°	°	°	°	°	Inches.	Cents.	Miles.	Points.	Points.	Inches.	No.	Cents.	Hours.	
January	29.941	0.106	75.8	84.0	68.6	15.4	71.1	67.2	0.699	78	65.4	125	7	E. by N.	1.87	3	83	265.4
February . . . . .	.927	.113	77.1	84.9	69.7	15.2	71.5	68.0	.696	75	66.5	100	8	E.	6.41	4	30	249.0
March . . . . .	.893	.117	80.5	89.4	72.0	17.4	74.1	70.4	.759	73	68.5	115	9	E. by S.	0.01	1	17	322.7
April . . . . .	.837	.126	84.1	92.8	77.5	15.3	77.7	74.8	.861	74	75.1	145	12	S. E.	0.55	4	42	266.1
May . . . . .	.717	.124	88.3	99.8	81.8	18.0	79.0	75.7	.865	65	80.5	196	15	S. by E.	0.75	1	40	254.5
June . . . . .	.679	.120	87.8	100.0	81.1	18.9	75.9	72.9	.740	57	79.3	217	19	S. W. by S.	1.47	13	74	152.7
July . . . . .	.689	.125	88.3	98.7	79.8	18.9	75.3	72.5	.728	58	78.0	192	19	S. W. by S.	2.10	16	74	164.5
August . . . . .	.720	.123	83.7	94.2	77.7	16.5	76.2	73.2	.800	70	75.7	165	18	S. S. W.	4.26	16	73	166.8
September . . . . .	.763	.127	83.5	92.3	77.8	14.5	76.6	73.3	.820	72	75.6	134	16	S.	7.36	12	58	200.1
October . . . . .	.841	.119	81.7	90.0	75.9	14.1	76.2	72.9	.829	77	73.7	119	29	N. W. by N.	6.95	11	63	186.5
November . . . . .	.892	.114	78.0	84.3	72.9	11.4	73.8	70.9	.777	81	70.2	170	2	N. N. E.	14.92	18	65	169.9
December . . . . .	.943	.103	76.8	83.9	70.9	13.0	72.4	69.1	.738	80	67.5	138	4	N. E.	5.77	10	50	211.6
Annual	29.821	0.118	81.9	91.2	75.5	15.7	75.0	71.7	0.776	72	73.0	151	13	S. E. by S.	52.42	104	52	2,809.8

Extreme Monthly Meteorological Records at the Madras Observatory in 1929.

Month.	BAROMETER.				DRY BULB THERMOMETER.				WET BULB.		HUMIDITY.		GRASS THERM.		WIND.		RAIN.				
	Highest.		Lowest.		Range.		Highest.		Lowest.		Lowest.		Lowest.		Highest.		Lowest.				
	Inches.	Day.	Inches.	Day.	Inches.	Day.	°	Day.	°	Day.	Cents.	Day.	°	Day.	Miles.	Day.	Miles.	Day.	Inches.	Day.	
January	30.097	9	29.752	31	0.345	86.6	31	63.7	12	62.8	12	48	1	60.1	12	370	6	46	11	1.80	7
February . . . . .	.040	25	.768	1	.272	86.0	27	64.8	24	63.4	24	50	23	60.3	24	154	4	72	10,23	3.14	4
March . . . . .	.017	6	.746	24	.271	93.2	27	65.2	9	64.2	9	51	8	60.6	9	198	28	78	2	0.01	20
April	29.981	13	.678	30	.303	94.8	10,22	73.8	1	72.4	1	51	8	70.4	1	212	4	84	24	0.40	25
May . . . . .	.871	4	.573	31	.298	108.1	23	74.8	4	71.4	14	36	26	74.1	4	260	19	118	3,4	0.75	4
June . . . . .	.836	11	.508	4	.328	105.3	6	74.8	16	71.4	3	28	3	74.1	15,16,	300	3	166	29	0.47	15
July . . . . .	.837	20	.532	6	.305	103.7	14	74.1	23	70.4	23	25	11,25	71.9	23	257	17	121	23	0.28	28,29
August . . . . .	.863	5	.599	23	.264	90.9	31	74.1	1	71.9	9	41	17	73.1	23	212	18	116	20	0.80	5
September . . . . .	.978	29	.625	9	.358	100.7	4	72.8	15	70.4	8	37	7.9	72.1	15	109	4	52	29	3.68	15
October . . . . .	.989	26	.695	5	.294	96.9	17	71.9	13	67.4	12	46	14	68.1	13	193	5	72	21	3.61	29
November	30.002	9	.702	4	.300	87.6	7	69.3	19	66.9	27	58	9	65.9	19	325	4	82	13	5.20	4
December . . . . .	.058	3	.803	15	.255	85.4	2	63.6	16	61.6	30	54	30	58.5	30	259	1	72	16	2.13	21

The extreme value in each column is shown in italics.

TABLE XI.

Monthly and Annual means of Meteorological Observations made at the Madras Observatory at 20 hrs. in 1929.

Month.	Barometer reduced to 32° F.	Dry Bulb.	Wet Bulb.	Vapour Tension.	Humidity.	Cloud.	Wind Direction.
January	29.949	74.6	71.2	0.716	84	17	E. by N.
February . . . . .	.934	75.5	71.1	.704	80	19	E. by N.
March . . . . .	.891	79.4	74.4	.786	78	4	E.S.E.
April . . . . .	.837	83.1	78.0	.888	79	25	S.E. by E.
May . . . . .	.719	85.7	80.5	.971	79	28	S.S.E.
June . . . . .	.678	85.3	77.1	.820	68	81	S.
July . . . . .	.602	83.7	76.7	.823	72	76	S. by E.
August . . . . .	.730	82.2	77.4	.874	80	67	S. by E.
September . . . . .	.765	82.4	77.6	.879	80	46	S.E.
October . . . . .	.867	80.6	76.5	.856	82	52	N.W. by
November . . . . .	.914	77.4	73.9	.790	84	52	N.N.E.
December . . . . .	.964	75.5	72.2	.748	85	34	N. E.
Annual	29.898	80.5	75.6	0.821	79	42	S. E.

TABLE XII.

Mean hourly wind velocity recorded by the Dines Pressure Tube anemometer at the Madras Harbour for 1929.

Month.	M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL.
January	9	9	8	7	7	7	7	7	7	7	7	7	9	8	10	10	10	10	10	10	10	10	10	9	206
February	8	7	7	7	7	6	6	6	5	5	6	6	6	7	7	7	8	9	9	9	10	9	8	8	199
March	7	7	6	6	5	4	4	4	3	4	5	7	9	9	9	9	9	10	10	9	9	9	9	9	170
April	9	9	8	7	6	5	5	5	6	7	8	9	10	11	12	11	11	12	11	11	10	10	10	10	214
May	11	10	9	8	8	8	8	8	8	9	9	9	8	9	10	11	11	11	11	12	12	11	11	11	237
June	9	9	9	9	9	9	9	9	10	10	12	10	12	12	12	12	12	12	13	12	12	10	10	9	252
July	7	7	7	7	7	7	8	8	10	11	11	10	10	11	10	10	10	9	8	8	8	9	9	8	210
August	7	8	7	7	7	6	6	6	7	8	8	7	8	7	7	8	8	8	9	9	9	9	9	9	184
September	10	10	8	8	7	7	8	8	7	8	8	8	6	8	9	10	10	10	10	10	10	10	11	11	215
October	8	7	7	7	7	8	8	8	7	7	8	8	9	9	9	9	9	8	8	8	8	8	8	8	191
November	11	11	11	11	11	12	12	12	13	13	13	14	14	14	15	15	14	14	14	14	14	12	12	12	208
December	11	10	10	10	10	10	10	10	9	10	11	10	12	11	11	11	11	12	12	12	11	11	11	257	
Annual	9	9	8	8	8	7	8	7	8	8	9	8	10	10	10	10	10	10	11	10	10	10	10	215	

TABLE XIII.

*Monthly means of the Meteorological Observations recorded at the Lahore Observatory at 6 hrs.
and 22 hrs. in 1929.*

Month.	BAROMETER REDUCED TO 32°F.		CORRECTED DRY BULB.		CORRECTED WET BULB.		HUMIDITY.		CLOUD AMOUNT.	
	6 hrs.	22 hrs.	6 hrs.	22 hrs.	6 hrs.	22 hrs.	6 hrs.	22 hrs.	6 hrs.	22 hrs.
			°	°	°	°	%	%	(0—10)	(0—10)
January	29.291	29.321	42.9	49.8	41.6	47.0	89	80	2.74	2.19
February	29.277	29.300	46.2	55.4	43.8	50.8	83	71	3.29	3.29
March	29.158	29.169	57.7	68.9	52.9	60.2	71	58	1.97	0.48
April	29.052	29.054	70.0	79.7	61.9	67.4	62	51	3.00	1.73
May	28.874	28.879	77.4	87.0	65.7	70.3	51	41	1.94	1.68
June	28.741	28.719	83.2	89.8	74.1	77.3	65	57	1.47	1.40
July	28.754	28.738	81.7	86.4	77.1	79.9	81	75	6.03	2.68
August	28.837	28.834	80.2	84.6	77.2	79.8	87	82	4.03	3.23
September	28.996	28.972	76.0	82.2	72.7	76.3	84	75	0.30	0.26
October	29.149	29.147	62.7	69.7	59.5	63.6	82	70	0.84	0.55
November	29.262	29.267	50.1	57.8	47.8	53.6	85	75	2.40	1.33
December	29.309	29.328	44.9	50.2	43.9	48.4	92	87	4.35	3.84

TABLE XIV.

Monthly mean values of meteorological elements derived from hourly tabulations of autographic records at the Bombay Observatory in 1929.

Month.	Barometric pressure* reduced to 32°F.	Air temperature.	Relative Humidity.	Vapour pressure (in inches of mercury).
	In.	°	%	
January	29.955	73.3	66	.546
February	.907	74.8	67	.586
March	.856	81.9	72	.782
April	.821	84.9	69	.827
May	.777	86.9	71	.905
June	.647	82.2	84	.815
July	.661	81.6	84	.905
August	.743	80.9	81	.852
September	.791	80.7	83	.865
October	.859	81.6	78	.835
November	.886	81.2	68	.725
December	.923	75.3	64	.570
YEAR	29.819	80.4	74	.776

* Reduced to Calcutta H. Standard.

TABLE XV.

Monthly means of Meteorological Elements at Trivandrum for 1929.

Month.	NEWMAN'S BAROMETER REDUCED TO 32° F.			DRY BULB THERMOMETER.			WET BULB THERMOMETER.			Mean Temperature of the Dew point.	VAPOUR PRESSURE.			HUMIDITY.			CLOUDS.			Sunshine.	Maximum in Sun.	Maximum in Shade.	Minimum in Shade.	Minimum in Grass.	Velocity of wind.
	Hrs. 6	Hrs. 14	Hrs. 20	Hrs. 6	Hrs. 14	Hrs. 20	Hrs. 6	Hrs. 14	Hrs. 20		Hrs. 6	Hrs. 14	Hrs. 20	Hrs. 6	Hrs. 14	Hrs. 20	Hrs. 6	Hrs. 14	Hrs. 20						
	29°	29°	29°	○	○	○	○	○	○		○	○	○	○	○	○	○	○	○	hrs.	○	○	○	○	miles.
January	-738	-668	-744	73·9	83·0	80·0	70·8	75·0	75·1	69·7	-712	-762	-778	86	67	76	22	27	20	9·5	135·6	83·9	73·9	66·2	126·5
February	-713	-649	-719	75·4	84·3	81·0	72·4	75·8	75·5	70·4	-755	-786	-800	87	66	76	36	34	19	9·6	138·0	85·3	75·1	68·6	116·4
March	-696	-627	-701	77·9	86·8	87·9	74·0	76·8	74·2	70·0	-855	-811	-834	83	65	74	43	39	39	8·5	140·0	87·7	77·3	71·2	139·6
April	-666	-613	-688	78·2	85·4	81·0	75·3	78·9	77·1	74·2	-840	-810	-854	87	75	83	60	76	64	6·6	138·6	86·3	76·5	73·0	154·5
May	-629	-592	-653	70·4	84·8	82·1	77·0	70·3	78·5	75·7	-848	-926	-928	88	77	84	79	75	63	7·0	135·1	85·7	78·9	73·0	168·7
June	-637	-614	-669	76·1	79·2	75·0	74·0	75·9	75·4	73·9	-824	-865	-879	92	88	90	93	99	93	2·5	128·4	80·8	75·2	72·2	185·5
July	-658	-623	-678	75·7	80·0	78·1	73·1	76·2	75·6	73·4	-787	-847	-856	92	82	88	80	82	62	5·5	132·2	81·0	74·7	71·3	243·3
August	-689	-630	-697	75·8	81·7	78·7	74·1	76·1	75·5	72·8	-840	-827	-836	91	77	84	82	81	47	6·0	132·6	82·1	75·3	71·5	273·7
September	-659	-611	-683	76·0	82·4	79·0	74·0	76·4	75·7	73·0	-817	-827	-843	91	75	85	62	63	73	6·8	133·6	83·1	75·3	70·2	213·0
October	-712	-649	-732	75·8	82·0	79·0	74·2	76·5	75·7	73·1	-816	-835	-781	91	77	86	63	66	60	3·6	136·3	82·4	75·3	74·1	161·8
November	-692	-624	-715	76·0	82·0	78·9	74·6	77·1	76·2	73·7	-835	-865	-865	93	90	88	76	82	64	5·3	139·9	82·8	75·3	72·3	71·0
December	-746	-674	-730	74·6	82·9	79·2	72·1	75·7	75·1	71·1	-751	-771	-812	88	73	81	59	64	37	7·3	132·8	83·2	74·1	69·3	86·1
MEAN	29·686	29·631	29·701	76·2	82·9	80·0	73·8	76·6	75·8	72·6	-807	-828	-839	89	76	83	63	66	53	6·5	135·3	83·7	75·6	71·1	161·7

TABLE XVI.

Frequency of wind direction at Trivandrum observatory in 1929.

6 hours.

Month	C 0	N N E 1	N E 2	E N E 3	E 4	E S E 5	S E 6	S S E 7	S 8	S S W 9	S W 10	W S W 11	W 12	W N W 13	N W 14	N N W 15	N 16	Total
January . . .	5	15	..	..	2	..	1	..	..	..	..	..	..	..	..	..	8	31
February . . .	3	..	14	..	1	..	..	..	..	..	..	..	..	..	..	..	10	28
March . . .	6	..	18	..	6	..	..	..	..	..	..	..	..	..	..	..	1	31
April . . .	7	10	..	..	8	..	..	..	..	..	..	..	..	..	..	3	7	30
May . . .	3	2	2	..	1	..	..	..	..	..	..	..	..	..	3	1	19	31
June . . .	6	..	..	..	..	..	..	..	..	..	..	1	..	4	3	..	16	30
July . . .	1	1	..	..	..	..	..	..	..	..	..	..	..	..	12	..	17	31
August . . .	1	..	..	..	..	..	..	..	..	..	..	..	2	1	2	1	24	31
September . . .	4	..	..	..	2	..	..	..	..	1	..	..	..	1	1	1	20	30
October . . .	10	1	..	..	2	1	..	..	..	..	..	..	..	..	..	..	17	31
November . . .	17	..	8	..	5	..	..	..	..	1	..	..	..	2	..	..	2	30
December . . .	14	..	7	6	..	..	..	..	..	..	..	..	..	..	..	..	4	31
TOTAL . . .	77	29	44	6	22	1	1	..	2	..	1	..	9	1	24	3	145	365

14 hours.

Month	C 0	N N E 1	N E 2	E N E 3	E 4	E S E 5	S E 6	S S E 7	S 8	S S W 9	S W 10	W S W 11	W 12	W N W 13	N W 14	N N W 15	N 16	Total
January	1	7	1	17	3	2	31
February	2	..	19	2	5	28
March . . .	1	2	..	22	5	1	31
April . . .	1	..	..	..	..	..	..	1	..	..	11	8	7	1	..	1	30
May . . .	1	..	..	..	..	..	..	..	..	5	6	12	3	8	..	1	31
June . . .	2	..	..	..	..	..	..	..	..	..	2	12	3	9	..	2	30
July . . .	..	..	..	..	..	..	..	..	..	..	2	13	10	4	1	1	31
August . . .	..	..	..	..	..	..	..	..	..	..	..	20	6	5	..	..	31
September . . .	3	..	..	..	..	..	..	..	..	1	5	1	18	1	1	..	30
October . . .	2	..	..	..	1	..	..	..	..	..	5	2	21	..	..	..	31
November . . .	4	..	..	..	..	3	..	..	..	4	..	9	4	6	..	..	30
December . . .	4	..	..	..	..	..	..	1	..	3	..	17	3	..	..	..	31
TOTAL . . .	18	1	4	..	2	..	18	2	110	38	120	24	22	1	5	365

20 hours.

Month	C 0	N N E 1	N E 2	E N E 3	E 4	E S E 5	S E 6	S S E 7	S 8	S S W 9	S W 10	W S W 11	W 12	W N W 13	N W 14	N N W 15	N 16	Total
January . . .	14	..	1	1	1	..	1	..	2	..	..	1	6	..	2	1	1	31
February . . .	23	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	28	
March . . .	16	..	..	..	..	..	..	..	1	..	7	2	1	..	4	..	31	
April . . .	12	..	1	1	..	..	..	..	..	..	1	..	11	..	3	..	1	30
May . . .	5	..	1	..	..	..	..	..	..	..	2	..	17	..	4	1	1	31
June . . .	4	1	..	..	..	..	..	..	..	..	3	1	9	1	3	1	7	30
July . . .	1	1	..	..	..	..	..	..	..	..	..	10	2	11	..	7	31	
August . . .	..	..	..	..	..	..	..	..	..	..	..	15	3	10	..	3	31	
September . . .	7	..	..	..	..	1	1	..	..	..	1	..	6	4	9	..	1	30
October . . .	8	1	..	..	..	..	..	1	..	..	..	4	5	..	11	1	..	31
November . . .	19	..	8	..	..	..	..	..	..	..	2	1	2	..	1	..	2	30
December . . .	23	..	..	..	..	..	..	..	..	1	..	2	2	..	1	..	1	30
TOTAL . . .	132	2	6	2	2	1	1	1	4	..	18	11	87	10	59	4	24	364

GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

ANNUAL SUMMARY FOR 1929

PART E.

SEISMIC RECORDS.

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C. W. B. NORMAND, M.A., D.Sc.

Director General of Observatories

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E 1

PART E.

SEISMIC RECORDS.

STATION—KODAIKANAL.

$\phi = 10^\circ 13' 50'' \text{ N}$; $\lambda = 77^\circ 28' 00'' \text{ E}$; $h = 2343 \text{ m}$. Subsoil—Rock.

Apparatus—Milne's Horizontal Pendulum Seismograph.

TABLE E 1.

Date.	Phase.	Time G. M. T.	Period (Sec.)	V		To		E		$\frac{r}{T_0^4}$	Months.	
				Ampli-tude. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)			
1929.		H. M. S.				1929.		9.76	16.1	1	2.8	
Jan. 1st	fP	14 48 54	..	..		Feb. 1-2nd	eP	24 24 18	..	1	3.4
	F	15 08 48	..	..	Widening of line.		F	20 52 48	..		3.2
" 8th	eP	7 38 54	..	..		" 18th	iP	20 52 24	..		3.3
" 12th	P	8 21 54	..	..	Widening of line.	" 22nd	F	20 55 18	..		3.2
" 13th	IP	24 13 06	..	..		eP	9 58 18	..		May.	3.4
" 16th	IL	24 23 36	..	..		F	10 16 54	..		September.	3.4
" 17th	M	24 57 42	..	330		Mar. 7th	eP	1 48 00	..		October.	3.4
" 18th	F	26 45 54	..	..		IL	2 00 48	..		November.	3.4
" 19th	IP	5 19 00	..	..		M	2 31 30	..	650	December.	3.5
" 20th	IL	8 30 48	..	..		F	?	..			
" 21st	M	8 32 36	..	100								
" 22nd	F	8 50 12	..	..						
" 23rd	eP	12 59 36	..	..						
" 24th	F	13 59 06	..	..	Widening of line.		eP	2 48 54	..		
" 25th	eP	5 42 36	..	..			F	3 09 06	..		
" 26th	F	6 00 06	..	..	Widening of line.		eP	11 26 06	..		
" 27th	IP	15 00 48	..	..			eL	11 44 24	..		
" 28th	F	15 08 30	..	..	Widening of line.		M	11 59 06	..	190	
" 29th	eP	21 01 00	..	..			F	13 32 48	..		
" 30th	F	23 57 54	..	..	Widening of line interposed.		eP	?	..		
Feb. 1st	eP	17 23 24	..	..			F	20 45 48	..		
	IL	17 25 18	..	..						
	M	17 32 06	..	380		28th	eP	21 13 42	..			
	F	18 37 54	..	..			F	21 40 00	..		

Date.	Phase.	Time G. M. T.	Period (Sec.)	Ampli-tude. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Ampli-tude. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Ampli-tude. (μ)	REMARKS.	
			A.E.					A.E.						A.E.				
1929.		H. M. S.				1929.		H. M. S.				1929.		H. M. S.				
Jan. 1st	fP	14 48 54	..	..		Feb. 1-2nd	eP	24 24 18	..	..		Apr. 8th	eP	10 31 48	..	..
" 8th	F	15 08 48	..	..		" 18th	F	20 52 48	..	..			eL	10 34 06	..	..
" 12th	eP	7 38 54	..	..	Widening of line.	" 22nd	iP	20 52 24	..	..			M	10 34 54	..	50	
" 13th	P	8 21 54	..	..		" 23rd	F	20 55 18	..	..			F	10 59 00	..	..
" 16th	IP	24 13 06	..	..		" 24th	eP	9 58 18	..	..			eP	18 58 36	..	..
" 17th	IL	24 23 36	..	..		" 25th	F	10 16 54	..	..			F	19 07 30	..	..	Widening of line.
" 18th	M	24 57 42	..	330		" 26th	eP	1 48 00	..	..						
" 19th	F	26 45 54	..	..		" 27th	IL	2 00 48	..	..						
" 20th	IP	5 19 00		" 28th	M	2 31 30	..	650			May 1st	eP	15 45 48	
" 21st	IL	8 30 48	..	..		" 29th	F	?	..	..			eL	15 49 48	..	..
" 22nd	M	8 32 36	..	100		" 30th							M	15 56 42	..	1700		
" 23rd	F	8 50 12	..	..		" 31st							F	19 10 30	..	..
" 24th	eP	12 59 36	..	..		" 1st							eP	17 09 54	..	..
" 25th	F	13 59 06	..	..	Widening of line.	" 2nd							F	17 21 24	..	..	Widening of line.
" 26th	eP	5 42 36	..	..		" 3rd							eL	5 26 24	..	..
" 27th	F	6 00 06	..	..	Widening of line.	" 4th							F	6 04 12	..	..	Widening of line.
" 28th	IP	15 00 48	..	..		" 5th							eP	16 52 54	..	..
" 29th	F	15 08 30	..	..	Widening of line.	" 6th							F	17 36 24	..	..	Widening of line.
" 30th	eP	21 01 00	..	..		" 7th							eP	18 42 06	..	..
" 31st	F	23 57 54	..	..	Widening of line interposed.	" 8th							eL	18 47 00	..	..
Feb. 1st	eP	17 23 24	..	..		" 9th							M	18 48 18	..	60	
	IL	17 25 18	..	..		" 10th							F	19 02 06	..	..
	M	17 32 06	..	380		" 11th							eP	1 20 18	..	..
	F	18 37 54	..	..		" 12th							F	1 29 00	..	..	Widening of line.

TABLE E 1—contd.

Date	Phase	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS	Date	Phase	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS	Date	Phase	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS	
				A.E.							A.E.							A.E.			
1929.		H. M. S.					1929.		H. M. S.						1929.		H. M. S.				
May 18th	eP	6 52 48	..	..			June 18th	eP	23 12 18	..	..				July 6th	eP	10 51 48	..	..	..
	iL	7 08 36	..	..				eL	23 21 18	..	..					F	11 57 42	..	..	..	A series of widenings of the line.
	M	7 03 54	..	..				M	23 38 30	..	70				,, 6th	eP	20 53 30	..	..	..
	(1)	7 13 12	..	60				F	23 58 48	..	..					F	20 57 12	..	..	..	Widening of line.
	(2)	7 53 30	..	..			,, 14th	eP	0 48 42	..	..				,, 7-8th	eP	21 35 24	..	..	..
,, 20th	eP	5 45 30	..	..				F	0 58 42	..	..					eL	22 07 54	..	..	..
	F	6 58 30	..	..		Several widenings of lines.	,, 16-17th	eP	23 01 12	..	..					M	22 13 18	..	210		
,, 21st	eP	16 55 36	..	..				iL	23 05 54	..	..				,, 13th	eP	7 49 12	..	..	..
	eL	17 05 00	..	..				M	23 57 30	..	1280					F	8 14 12	..	..	..	Widening of line.
	M	17 17 12	..	110				F	2 39 36	..	..								
	F	18 11 54	..	..			,, 17th	eP	?	..	..								
,, 22nd	eP	20 49 12	..	..				F	11 12 12	..	..				,, 14th	eP	9 53 30	..	..	..
	F	21 28 36	..	..		Widening of line.	,, 19th	eP	7 41 24	..	..					eL	10 28 18	..	..	..
,, 26-27th	eP	23 08 12	..	..				eL	7 48 48	..	..					M	10 28 42	..	80		
	iL	23 27 54	..	..				M	8 05 24	..	90					F	10 55 24	..	..	..
	M	23 51 12	..	..				F	8 27 54	..	..				,, 15th	eP	7 55 12	..	..	..
	(1)	23 53 36	..	550			,, 22nd	eP	16 25 24	..	..					F	8 27 42	..	..	..	Widening of line.
	(2)	25 47 30	..	..				eL	16 36 42	..	..				,, 17th	eP	9 00 30	..	..	..
,, 30th	eP	10 50 42	..	..				M	16 40 18	..	40					F	9 50 06	..	..	..	Several widenings of the line.
	eL	10 57 54	..	..				F	16 54 36	..	..				,, 23rd	eP	19 27 42	..	..	..
	M	11 19 24	..	60												F	20 06 00	..	..	..	Widening of line.
	F	11 53 30	..	..			,, 27th	eP	13 00 24	..	..								
June 2nd	iP	21 56 12	..	..				eL	13 05 30	..	..				,, 24-25th	eP	23 41 30	..	..	..
	F	22 14 30	..	..		Widening of line.		M	13 48 36	..	650					F	0 43 54	..	..	..	Several widenings of the line.
,, 4th	eP	15 22 30	..	..			,, 30th	eP	2 55 54	..	..				,, 26-27th	eP	23 27 54	..	..	..
	eL	15 27 42	..	..				iL	3 05 24	..	..					F	23 3b 42	..	..	..	Widening of line.
	M	15 34 24	..	50				M	3 12 12	..	70										
	F	16 11 24	..	..				F	4 03 06	..	..				Aug. 1st	eP	5 05 12	..	..	..
,, 9th	eP	?	..	..		P masked by hour mark.	July 4th	eP	9 30 48	..	..					iL	5 09 06	..	..	..
	eL	9 52 24	..	..				eL	9 45 06	..	..					M	5 12 42	..	230		
	M	9 56 06	..	60				M	9 46 36	..	100					F	5 42 12	..	..	..
	F	10 39 18	..	..				F	10 04 48	..	..				,, 8th	eP	13 00 48	..	..	..
,, 13th	eP	0 26 36	..	..			,, 5th	eP	14 39 30	..	..					iL	18 04 36	..	..	..
	eL	0 46 36	..	..				iL	15 09 36	..	..					M	18 12 18	..	380		
	M	1 18 54	..	140				M	15 13 12	..	140					F	14 20 48	..	..	..
	F	2 07 54	..	..				F	18 03 06	..	..				,, 10th	eP	2 49 12	..	..	..
,, 18th	iP	9 34 00	..	..			,, 5-6th	eP	22 58 06	..	..					eL	3 06 36	..	..	..
	iL	9 35 48	..	..				iL	23 30 54	..	..					M	3 10 24	..	100		
	M	10 00 24	..	690				M	23 32 54	..	80					F	3 48 48	..	..	..
	F	?	..	..		F masked by hour mark.		F	1 10 48	..	..				,, 19th	eP	21 03 24	..	..	..
,, 13th	eP	20 20 06	..	..			,, 6th	eP	2 56 24	..	..					F	21 21 36	..	..	..	Widening of line.
	F	?	..	..		Widening of line. F masked by hour mark.		F	4 22 48	..	..				,, 28th	eP	19 11 12	..	..	..	Widening of the line.

TABLE E 1—concl.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.	
1929.		H. M. S.				1929.		H. M. S.					1929.		H. M. S.			
Sept. 3rd	eP	12 10 12	..	..		Oct. 24th	eP	6 44 36	..	..			Nov. 2nd	eP	0 21 48	..	..
	eL	12 16 42	..	..			F	7 23 36	..	..				F	1 25 24	..	..	Widening of line.
	M	12 18 48	..	40		,, 30th	eP	6 05 24	..	..	Widening of line.		Dec. 6th	eP	17 11 39	..	..
	F	12 35 06	..	..			F	6 27 54	..	..	Widening of line.			eL	17 50 00	..	..
Oct. 5th	eP	3 01 12	..	..	Widening of line.	Nov. 5th	eP	11 58 18	..	..			M	17 57 18	..	90		
	F	3 15 06	..	..			F	12 26 24	..	..	Widening of line.			F	18 46 00	..	..
,, 5th	eP	17 36 48	..	..	Widening of line.	,, 15th	eP	18 50 30	..	..	Widening of line.		,, 6th	eP	20 45 54	..	..
	F	18 02 12	..	..			IL	19 08 00	..	..				IL	21 28 24	..	..
,, 6th	eP	8 21 12	..	..	Several widenings of the line.		M	19 34 36	..	60			M	21 30 48	..	40	Width of the hour mark allowed for.	
	F	10 25 54	..	..			F	22 28 42	..	..			F	22 21 42	..	..
,, 8th	eP	18 07 18	..	..	do.	,, 17th	eP	?	..	..	P. T's not shown as instrument was examined at the time.		,, 9th	IP	6 54 30	..	..
	F	19 37 12	..	..			IL	4 17 48	..	..				IL	6 57 54	..	..
,, 9th	eP	3 20 48	..	..	Widening of line.		M	4 20 42	..	150			M	7 04 24	..	530		
	F	3 38 54	..	..			F	5 19 36	..	..			F	9 09 00	..	..
,, 16th	eP	..	..	..	No P. T's.	,, 18th	eP	5 58 30	..	..	Widening of line.		,, 17th	eP	11 12 24	..	..
	IL	20 37 48	..	..			F	6 35 42	..	..				IL	11 22 48	..	..
	M	20 39 36	..	40									M	11 49 54	..	1100		
	F	21 28 54	..	..									F	15 02 06	..	..
,, 19th	eP	10 31 48	..	..		,, 18th	eP	20 56 12	..	..			,, 27th	eP	3 03 00	..	..
	IL	11 34 42	..	..			IL	21 34 18	..	..				F	3 11 30	..	..	Widening of line.
	M	11 46 36	..	80			M	21 49 06	..	130			,, 27th	eP	13 52 48	
	F	12 21 30			F	23 20 48				F	14 07 12	Widening of line.

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STATION—COLABA, BOMBAY.

 $\varphi=18^{\circ} 53' 36'' N$; $\lambda=72^{\circ} 48' 54'' E$; $h=6 m$. Subsoil—Trap.

Apparatus.—Milne-Shaw Seismograph (N-S). (In the underground constant temperature room.)

Damping ratio=20 : 1.

TABLE E 2.

AN.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	V		To		e	$\frac{1}{To^2}$		REMARKS.				
							AN.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	AN.	Phase.	Time G. M. T.	Period (Sec.)			
1929.							250		42		2.6		..					
Jan. 1st	P	7 39 51	..			1929.	H. M. S.	P	9 52 2	..			1929.	H. M. S.	P	10 44 2
	S	7 47 10	..					S	9 53 8	..					S	10 55 4
	L	7 57 17	..					L	9 53 26	..					L	11 17 54
	M	8 7 16	10	1				M	9 54 14	10	14				M	11 81 46	11	3
	F	9 12 0	..					F	10 19 0	..					F	12 10 0
" 1st	P	13 86 48	..			" 16th	P	8 14 35	..				" 21st	Pe	15 46 33	..	..
	S	13 43 24	..				S	8 21 23	..					S	15 52 57	..	..
	L	13 51 22	..				L	8 30 1	..					L	16 0 8	..	..
	M	13 55 58	11	5			M	8 37 23	15	11				M	16 4 18	10	1	
	F	15 29 0	..				F	9 54 0	..					F	16 15 0	..	..
" 2nd	e	2 48 0	..			Tremors.	" 17th	P	12 6 52	..			" 22nd	Pe	14 50 96	..	..
	f	3 10 0	..				S	12 20 20	..					S	14 54 18	..	..
" 5th	e	10 30 0	..			Tremors.	L	12 50 20	..					Le	14 56 28	..	..
	f	10 47 0	..				M	13 11 1	18	9				M	14 58 8	20	6	
" 5th	P	16 17 1	..			Slight local shock.	" 17th	Pe	22 39 36	..		Feeble shock.	" 24th	P	20 56 19	..	..
	S	16 18 1	..				F	14 32 0	..					S	21 9 36	..	..
	L	16 18 19	..				F	23 55 0	..					L	21 45 41	..	..
	M	16 18 21	..				e	22 5 0	..					M	21 52 18	34	75	
	F	16 24 0	..				f	22 47 0	..					F	23 40 0	..	..
" 8th	P	7 33 4	..			" 19th	Pe	11 24 53	..				" 27th	e	16 51 0	..	..
	S	7 40 37	..				S	11 29 33	..					f	17 35 0	..	..
	L	7 51 7	..				L	11 33 3	..					Tremors.				
	M	7 53 44	17	12			M	11 33 18	7	3				" 30th	P	17 6 49
	F	9 6 0	..				F	12 0 0	..					S	17 13 29	..	..
" 13th	P	0 14 12	..			" 20th	P	15 3 58	..					L	17 21 51	..	..
	S	0 23 12	..				S	15 8 28	..					M	17 26 29	20	5	
	L	0 39 10	..				L	15 11 48	..					F	17 53 0	..	..
	M	0 41 10	20	330			M	15 15 54	9	2				" 31st	e	19 23 0
	F	3 49 0	..				F	15 57 0	..					f	20 8 0	..	..
" 13th	P	18 58 25	..			" 21st	P	5 18 5	..				Feb. 1st	P	17 18 21	..	..
	S	19 3 7	..				S	5 26 9	..					S	17 20 36	..	..
	L	19 6 36	..				L	5 38 55	..					L	17 21 41	..	..
	M	19 6 50	15	9			M	5 47 23	19	8				M	17 27 51	8	64	
	F	19 37 6	..				F	6 16 0	..					F	19 48 0	..	..

TABLE E 2—cont.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.		
1929.		H. M. S.				1929.		H. M. S.					1929.		H. M. S.				
Feb. 2nd	P	0 14 44	..	..		Feb. 15th	e	8 24 23	..	..	Distant feeble shock.	Mar. 6th	Pe	16 39 2	..	..		Feeble shock.
	S	0 24 4	..	..			M	9 43 2	15	2			M	16 46 12	..	19	..	
	L	0 40 57	..	..			F	10 19 0	..	..			F	17 13 0	..	..	
	M	0 42 36	20	18		" 16th	P	1 15 53	..	..	Very feeble local shock.	" 7th	P	1 48 48	..	..	
	F	5 14 0	..	..			S	1 16 5	..	..			S	1 58 29	..	..	
" 3rd	e	3 2 0	..	..	Tremors.		Le	1 16 11	..	..			L	2 20 22	..	..	
	f	3 41 0	..	..			F	1 18 0	..	..			M	2 25 6	..	24	492	
" 4th	e	9 22 0	..	..	Tremors.	" 16th	P	19 46 47	..	..		" 7th	P	11 15 10	..	..	
	f	9 51 0	..	..			L	20 30 16	..	..			S	11 21 8	..	..	
" 6th	e	3 33 0	..	..	Tremors.		M	20 34 15	24	6			L	11 26 46	..	..	
	f	4 2 0	..	..			F	21 58 0	..	..			M	11 32 11	..	14	3	
" 6th	P	7 0 18	..	..		" 17th	P	20 50 17	..	..			F	12 59 0	..	..	
	S	7 9 18	..	..			S	Lost in hourly time mark.				" 8th	P	5 14 58	..	..		Very feeble local shock.
	L	7 25 18	..	..			L	20 58 5	..	..			F	5 15 40	..	..	
	M	7 26 57	9	1			M	21 5 42	19	5			" 8th	e	11 6 0		Tremors.
	F	7 55 0	..	..			F	22 11 0	..	..			f	12 28 0	..	..	
" 8th	P	5 52 54	..	..	Very feeble local shock.	" 20th	P	21 22 58	..	..	Feeble shock.	" 9th	P	2 22 24	..	..	
	F	5 53 8	..	..			S	21 27 40	..	..			S	2 31 1	..	..	
" 9th	P	2 6 50	..	..	Very feeble local shock.		Le	21 31 10	..	..			L	2 45 20	..	..	
	F	2 7 1	..	..			F	22 25 0	..	..			M	2 53 29	..	15	5	
" 9th	e	2 9 0	..	..	Tremors.	" 22nd-23rd	P	20 56 19	..	..			F	3 57 0	..	..	
	f	2 33 0			S	21 7 4			" 9th	P	11 8 0		
" 9th	e	19 50 0	..	..	Tremors.		L	21 29 14	..	..			S	11 19 10	..	..	
	f	20 7 0	..	..			M	21 47 26	18	21			L	11 42 55	..	..	
" 9th	e	22 4 0	..	..	Tremors.		F	0 9 0	..	..			M	11 54 28	..	16	16	
	f	22 33 0	..	..		" 26th	e	4 31 0	..	..	Tremors.		F	14 4 0	..	..	
" 10th	P	15 58 53	..	..			f	4 48 0	..	..		" 10th	P	14 45 34	..	..	
	S	16 12 17	..	..			P	9 14 2	..	..			S	14 54 18	..	..	
	L	16 49 37	..	..			S	9 24 48	..	..			L	18 9 3	..	..	
	M	17 10 12	19	10			L	9 46 49	..	..			M	15 10 1	..	11	3	
	F	18 20 0	..	..			M	9 58 1	23	20			F	15 45 0	..	..	
" 11th	P	4 40 55	..	..	Very feeble local shock.	" 28th	e	0 23 0	..	..		" 13th	P	11 5 38	..	..	
	F	4 41 16	..	..			f	1 31 0	..	..			S	12 9 8	..	..	
" 14th	P	14 52 50	..	..		Mar. 1st	Pe	7 56 7	..	..	Distant feeble shock.		L	15 11 18	..	..	
	S	14 59 30	..	..			F	8 42 0	..	..			M	15 14 37	..	..	
	L	15 7 50			" 3rd	P	8 14 57			F	12 57 0		
	M	15 12 20	10	8			S	8 18 13			" 15th	e	18 29 0		Tremors.
	F	15 49 0	..	..			L	8 19 50	..	..			s	18 53 0	..	..	
" 15th	P	5 50 4			M	8 23 33	9	5			" 16th	P	14 35 52		Feeble shock.
	S	5 57 18	..	..			F	8 45 0	..	..			S	12 39 1	..	..	
	L	6 7 8			" 3rd	P	11 21 1			L	12 40 32		
	M	6 11 13	10	2			F	11 21 16	..	..	Very feeble local shock.		F	12 56 0	..	..	
	F	6 59 0	..	..													

TABLE E 2—*contd.*

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS.
				An.	An.						An.	An.						An.	An.	
1929. Mar. 18th	H. M. S.					Feeble shock.	1929. Mar. 28th	P	6 33 56			Very feeble local shock.	1929. Apl. 11th	P	4 52 41	Feeble shock.
	P	1 57 51	..	..				F	6 34 21	..	..					S	4 56 39	..	..
	S	2 3 11	..	..				P	20 35 59	..	..					L	4 58 50	..	..
	L	2 7 48	..	..			,, 28th	S	20 47 9	..	..					F	5 18 0	..	..
" 18-19th	F	2 21 0		Feeble shock.		L	21 11 9			Feeble shock.		P	18 54 30	Feeble shock.
	P	23 31 32	..	..				M	21 17 18	18	5					S	19 1 23	..	..
	S	23 40 7	..	..				F	22 22 0	..	..					L	19 10 18	..	..
	L	23 54 19	..	..				e	5 34 0	..	..					F	19 30 0	..	..
" 19th	M	0 2 37	12	4		Feeble shock.	,, 31st	f	6 30 0			Feeble shock.		P	13 19 1	Feeble shock.
	F	0 30 0	..	..				P	6 46 39	..	..					M	13 30 32	10	1
	P	21 18 22	..	..			,, 31st	F	6 46 54	..	..					F	14 10 0	..	..
	S	21 27 20	..	..				P	20 27 55	..	..					P	21 25 0	..	..
" 19th	L	22 11 50	..	..		Feeble shock.	,, 31st	S	20 36 31	..	..					S	21 34 20	..	..
	M	22 42 19	20	6				L	20 51 58	..	..					L	21 51 22	..	..
	F	23 30 0	..	..				M	20 58 28	14	6					M	22 3 20	20	3
	e	19 2 0	..	..				M	21 30 0	..	..					F	22 55 0	..	..
" 20th	f	19 18 0		Tremors.		F	21 37 0			Tremors.		e	23 37 0	Tremors.
	P	21 18 16	..	..				P	9 2 56	..	..					f	23 46 0	..	..
	M	21 40 48	16	4			Apl. 1st	F	9 3 17	..	..					P	1 3 16	..	..
	F	22 24 0	..	..				P	3 31 44	..	..					S	1 12 16	..	..
" 21st	P	2 56 41	..	..		Feeble shock.	,, 2nd	S	3 37 44	..	..					L	1 28 16	..	..
	S	8 6 47	..	..				L	3 43 49	..	..					F	1 51 0	..	..
	L	8 25 33	..	..				M	3 47 57	11	2					P	1 56 34	..	..
	M	4 8 51	20	6				F	4 10 0	..	..					F	1 56 46	..	..
" 22nd	F	5 15 0		Feeble shock.	,, 7th	Pe	19 51 54			Very feeble local shock.		P	8 55 39	Very feeble local shock.
	P	3 12 5	..	..				L	20 54 12	..	..					F	9 8 0	..	..
	S	3 16 27				M	21 4 11	20	3					P	1 44 87	Very feeble local shock.
	L	3 19 38	..	..				F	22 38 0	..	..					F	1 45 7	..	..
" 23rd	M	3 21 29	17	12		Feeble shock.	,, 8th	P	10 25 6					e	13 4 0	Tremors.
	F	4 4 0	..	..				S	10 31 35	..	..					f	14 1 0	..	..
	P	20 9 33	..	..				L	10 39 20	..	..					P	1 45 7	..	..
	S	20 17 53	..	..				M	10 40 41	10	3					F	22 39 0	..	..
" 24th	L	20 31 11		Feeble shock.		F	12 27 0					P	5 8 15	Feeble shock.
	M	20 34 5	15	4				P	4 2 13	..	..					S	5 6 51	..	..
	F	21 15 0	..	..				S	4 9 52	..	..					L	5 9 0	..	..
	P	3 52 9	..	..				L	lost owing to extinction of light.	..	..					F	5 37 0	..	..
" 25th	S	3 56 25		Feeble shock.		M	23 50 49	-9	2					P	4 52 41	Feeble shock.
	L	3 59 17	..	..				F	0 20 0	..	..					S	4 56 39	..	..
	M	3 59 40	6	5				P	23 54 59	..	..					L	4 58 50	..	..
	F	4 34 0	..	..			,, 10—11th	S	23 56 58	..	..					F	5 18 0	..	..
" 25th	P	14 59 54		Feeble shock.		L	23 57 44					P	5 8 15	Feeble shock.
	S	15 4 10	..	..				M	23 59 49	-9	2					S	5 6 51	..	..
	Le	15 7 5	..	..				F	0 20 0	..	..					L	5 9 0	..	..
	M	15 18 9	10	2				P	23 54 59	..	..					F	5 37 0	..	..
" 25th	F	15 59 0	..	..				S	23 56 58	..	..					P	4 58 50	..	..

TABLE E 2—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	
1929. Apr. 30th	P	18 53 18	Tremors.	May 10th	P	11 38 42	Feeble shock.	May 25th	P	11 43 33	Very feeble shock.	
	S	18 58 12	..	..			F	11 54 0	..	..			F	12 53 0	..	..
	L	19 2 4	..	..			P	17 37 16	..	..			P	8 52 34	..	..
	M	19 14 9	11	3			F	18 4 0	..	..			S	9 0 32	..	..
	F	20 3 0	..	..			P	13 32 17	..	..			L	9 13 6	..	..
May 1st	e	7 51 0	Very feeble shock.	,, 13th	S	13 36 37	Feeble shock.	,, 26th	M	9 13 45	12	2	2	
	f	8 53 0	..	..			L	13 39 55	..	..			F	10 18 0	..	..
,, 1st	P	11 27 46	Very feeble shock.	,, 17th	M	13 44 55	10	12	Feeble shock.	,, 26— 27th	P	22 54 23	
	F	11 54 0	..	..			F	14 53 0	..	..			S	23 5 9	..	..
,, 1st	P	15 43 7	Feeble shock.	,, 18th	P	19 33 23	Very feeble shock.	,, 30th	L	23 27 16	345	
	S	15 47 27	..	..			F	19 41 0	..	..			M	23 46 16	22	..
	L	15 50 17	..	..			P	1 9 42	..	..			F	3 14 0	..	..
	M	15 51 27	26	1272			S	1 13 54	..	..			L	10 52 18	..	..
	F	19 56 0	..	7			L	1 16 44	..	..			P	10 8 3	..	..
,, 1st	P	22 1 41	Feeble shock.	,, 18th	M	1 18 16	20	9	Lost while changing paper.	,, 30th	M	11 2 56	17	7	..	
	F	23 15 0	..	..			F						F	14 14 0	..	..
,, 3rd	P	8 18 5	Feeble shock.	,, 19th	P	5 26 36	Feeble shock.	,, 31st	P	0 25 6	Feeble shock.	
	S	8 24 2	..	..			F	6 0 0	..	..			F	1 20 0	..	..
	Le	8 34 15			P	5 5 48			June 1st	e	16 17 0	Tremors
	F	11 49 0	..	..			S	5 16 12	..	..			f	16 28 0	..	..
,, 3rd	P	16 25 7	Very feeble local shock.	,, 20th	L	5 37 8	Feeble shock.	,, 1st	P	18 15 12	Feeble shock.	
	S	16 29 30	..	..			M	5 41 34	21	16			M	18 29 58	16	4
	L	16 32 32	..	..			F	7 52 0	..	..			F	19 9 0	..	..
	M	16 36 37	18	4			P	16 44 57	..	..			P	21 47 56	..	..
	F	17 8 0	..	..			S	16 52 32	..	..			S	21 55 31	..	..
,, 4th	P	4 44 21	Tremors.	,, 21st	L	17 3 37	Feeble shock.	,, 2nd	L	22 6 31	
	F	4 44 3	..	..			M	17 17 38	16	18			M	22 8 24	10	8
,, 4th	e	5 37 0	Tremors.	,, 22nd	F	19 33 0	Feeble shock.	,, 3rd	F	23 8 0	
	f	5 57 0	..	..			P	20 24 35	..	..			P	20 35 11	..	..
,, 5th	P	17 8 17	Feeble shock.	,, 22nd	S	20 33 37	Feeble shock.	,, 4th	S	20 39 31	
	S	17 8 38	..	..			L	20 49 40	..	..			L	20 42 18	..	..
	L	17 13 13	..	..			M	21 0 6	20	10			M	20 43 45	10	10
	M	17 17 30	12	3			F	22 12 0	..	..			F	22 36 0	..	..
	F	18 29 0	..	..			e	23 9 0	..	..			P	7 10 30	..	..
,, 6th	P	5 19 16	Tremors.	,, 22nd	f	23 30 0			S	7 14 55	
	S	5 27 35	..	..			P	18 48 0	..	..			L	7 18 6	..	..
	L	5 41 3	..	..			S	18 51 21	..	..			M	7 22 20	10	2
	M	5 50 58	19	6			L	18 53 3	..	..			F	7 57 0	..	..
	F	6 43 0	..	..			M	18 53 50	10	4			P	15 24 39	..	..
,, 7th	P	16 46 5	Very feeble shock.	,, 25th	S	19 25 0	Mixed with microseisms.	,, 4th	S	15 31 26	
	S	16 54 49	..	..			P	10 44 36	..	..			L	15 40 6	..	..
	L	17 9 19	..	..			F						M	15 42 26	11	5
	M	17 17 1	24	10			F						F	16 18 0	..	..
	F	18 34 0	..	..												

TABLE E 2--contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		REMARKS.			
				An.							An.		An.										
1929.		H. M. S.																					
June 8th	P	6 20 36	Feeble shock.	June 13-14th	P	23 10 4						June 27th	P	13 6 19		
	F	6 51 0			S	23 17 32							S	13 16 6		
" 9th	P	9 19 2			L	23 28 36							L	13 34 44		
	S	9 28 10			M	23 38 5	16	7							M	13 45 6		
	L	9 44 27			F	1 8 0							F	16 10 0		
	M	9 52 5	15	27				" 15th	P	19 44 58						P	2 54 18		
	F	11 18 0	..	..	..			S	19 52 11	..	..						S	3 1 42	..	..	
, 10th	P	0 27 28	..	..	..			L	20 2 25	..	..						L	3 12 12	..	..	
	S	0 31 34	..	..	..			F	20 56 0	..	..						M	3 22 24	17	11		
	L	0 34 15			" 16-17th	P	23 2 5						F	4 36 0		
	M	0 35 17	10	3				S	23 12 47						" 4th	P	9 4 49		
, 10-11th	P	23 18 53	..					L	23 34 25	..	..						S	9 9 23	..	..	
	S	23 22 28	..					M	23 55 55	18	157						L	9 12 51	..	..	
	L	23 36 58	..					F	2 57 0	..	..						M	9 14 56	12	2		
	M	23 48 54	10	2				" 17th	P	10 25 50						F	Mixed in the following shock.				
	F	0 29 0	..					S	10 33 12						" 4th	P	9 27 41		
11th	P	11 53 56	..					L	10 48 48	..	..						S	9 33 6	..	..	
	S	12 3 41	..					M	10 46 30	11	3						L	9 38 1	..	..	
	L	12 21 48	..					F	11 42 0	..	..						M	9 47 16	11	6		
	M	12 26 16	16	3				" 18th	P	14 15 14						F	11 6 0		
	F	13 45 0	..					S	14 18 8	..	..						L	12 10 6	..	..	
" 12th	P	14 39 59	..					F	14 32 0	..	..						M	12 14 91	..	..	
	S	14 43 25	..					" 19th	P	19 30 47						L	12 17 29		
	L	14 45 7	..					S	19 34 17	..	..						M	12 18 51	12	2		
	M	14 48 37	9	5				F	19 36 17	..	..						F	12 35 0	..	..	
	F	15 22 0	..					" 20th	P	19 37 57	10	2						Very feeble shock.					
19th	P	0 23 19	..					S	19 52 0						" 4th	P	14 3 0		
	S	0 32 29	..					F	19 52 0							F	14 33 0		
	L	0 48 47	..					" 21st	P	18 30 59						P	14 31 49		
	M	1 11 21	13	29				S	18 38 17	..	..						S	14 42 17	..	..	
	F	4 9 0	..					F	18 47 21	..	..						L	15 3 24	..	..	
13th	P	9 33 59	..					" 22nd	P	19 17 0						M	15 12 46	17	45		
	S	9 41 33	..					S	20 42 0	..	..						F	17 39 0	..	..	
	L	9 58 40	..					f	20 55 0						" 5-6th	P	22 49 3		
	M	10 4 38	14	52				P	19 8 42	..	..						S	22 59 33	..	..	
	F	13 38 0	..					L	19 45 2	..	..						L	23 20 50	..	..	
" 18th	P	19 56 46	..					M	19 45 52	20	4						M	0 21 0	..	..	
	S	20 4 28	..					F	20 8 0	..	..						P	2 16 38	..	..	
	L	20 15 53	..					" 29th	e	7 14 0	..	..					S	Lost during shifting time.				
	M	20 20 14	10	2				f	7 39 0	..	..						L	2 48 26	..	..	
	F	21 40 0	-					Tremor.	" 4th	e	10 42 0	..					M	2 56 18	18	10			
									f	11 16 0	..						F	3 51 0	..	..		Tremor.

TABLE E 2—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)	REMARKS.	
1929.		H. M. S.				1929.		H. M. S.					1929.		H. M. S.			
July 7-8th	P	21 36 6	..	..		July 25th	P	0 21 41	..	..			Aug. 16th	Pe	21 37 57	..	..
	S	21 46 42	..	..			S	0 26 41	..	..				S	21 45 26	..	..
	L	22 8 12	..	..			L	0 30 29	..	..				L	21 56 16	..	..
	M	22 16 46	18	159			M	0 34 59	10	6				M	22 2 11	12	2	
	F	0 51 0	..	..			F	1 6 0	..	..				F	22 47 0	..	..
" 8th	e	19 57 0	..	..	Tremors.	" 25th	e	12 23 0	..	..	Tremors.	" 16th—17th	Pe	23 8 38	..	..
	f	20 16 0	..	..		" 25—26th	f	12 47 0	..	..	Tremors.		S	23 12 20	..	..
" 13th	P	7 41 43	..	..		" 26th—27th	e	23 47 0	..	..	Tremors.		L	23 14 8	..	..
	S	7 45 53	..	..			f	0 5 0	..	..	Tremors.		M	23 15 59	10	2		
	L	7 48 43	..	..			P	23 6 39	..	..			F	0 31 0	..	..
	M	7 52 4	19	20			S	23 12 28	..	..			" 17th	e	20 23 0	..	..
	F	8 30 0	..	..			L	23 21 58	..	..			f	20 49 0	..	..	Tremors.	
" 14th	P	9 48 10	..	..		Aug. 1st	M	23 27 11	15	5			" 18th	Pe	0 0 26	..	..	Distant fee-ble shock.
	S	9 57 10	..	..			F	0 21 0	..	..				M	1 11 32	22	6	
	L	10 11 52	..	..			P	5 6 42	..	..				F	1 59 0	..	..
	M	10 15 59	28	102			S	5 10 29	..	..				e	8 59 0	..	..
	F	11 18 0	..	..			L	5 12 49	..	..				f	10 7 0	..	..
" 15th	P	7 49 35	..	..		" 2nd	M	5 14 28	19	26			" 19th	P	2 51 35	..	..
	S	7 53 59	..	..			F	6 44 0	..	..				S	2 58 17	..	..
	L	7 57 16	..	..			P	14 35 20	..	..	Tremors.			L	3 6 10	..	..
	M	8 6 49	10	10			F	14 47 9	..	..				M	8 10 18	21	48	
	F	8 53 0	..	..			Pe	17 33 29	..	..	Feeble shock.			F	4 23 0	..	..
" 15th	e	9 57 0	..	..	Tremors.	" 2nd	Fe	17 40 0	..	..	Very feeble shock.		" 19th	Pe	10 45 9	..	..	Feeble shock.
	f	10 10 0	..	..			e	19 11 0	..	..	Tremors.			F	11 19 0	..	..
	P	23 9 15	..	..			f	20 0 0	..	..	Tremors.			P	20 57 48	..	..
	S	23 10 15	..	..			P	18 23 0	..	..	Very feeble shock.			S	21 3 21	..	..
	L	23 10 34	..	..			S	18 25 11	..	..				L	21 8 28	..	..
" 16th	M	23 10 45	6	4	Slight local shock.	" 4—5th	L	18 26 3	..	..			" 20th	M	21 12 47	12	5	
	F	23 19 0	..	..			F	18 33 0	..	..				F	21 44 0	..	..
	P	23 9 15	..	..			Pe	23 15 24	..	..	Very feeble shock.			P	16 48 46	..	..
	S	23 10 15	..	..			F	0 18 0	..	..				S	16 53 54	..	..
	L	23 10 34	..	..			P	18 2 13	..	..				L	16 57 46	..	..
" 17th	M	23 10 45	6	4	Tremors.	" 8th	S	18 6 11	..	..			" 28th	M	17 5 21	20	12	
	F	23 19 0	..	..			L	18 8 44	..	..				F	18 26 0	..	..
	P	8 50 48	..	..			M	18 13 6	14	72				P	19 2 12	..	..
	S	9 1 23	..	..			F	15 11 0	..	..				S	19 10 47	..	..
	L	9 23 8	..	..			e	6 47 0	..	..	Tremors.			L	19 25 2	..	..
" 21st	M	9 31 21	20	8	Tremors.	" 10th	f	7 11 0	..	..	Tremors.		" 29th	M	19 33 32	14	11	
	F	10 14 0	..	..			e	6 47 0	..	..	Tremors.			F	21 5 0	..	..
	e	13 35 0	..	..			f	7 11 0	..	..	Tremors.			P	20 0 20	..	..
	f	14 2 0	..	..			e	3 10 0	..	..	Tremors.			S	20 8 19	..	..
	P	18 54 26	..	..			f	3 53 0	..	..	Tremors.			L	20 16 51	..	..
" 23rd	S	19 4 59	..	..	Distant fee-ble shock.	" 14th	Pe	20 16 10	..	..	Distant fee-ble shock.		" 29th	M	20 20 1	11	2	
	L	19 26 1	..	..			F	22 9 0	..	..				F	21 14 0	..	..
	M	19 31 0	19	10														
	F	20 8 0	..	..												

TABLE E 2—*contd.*

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI-TUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI-TUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI-TUDE. (μ)		REMARKS.	
				AN.	AN.						AN.	AN.	AN.					AN.	AN.		
1929.		H. M. S.					1928.		H. M. S.						1929.		H. M. S.				
Aug. 30th	e	4 59 0	..	..		Tremors.	Sept. 15th	P	13 18 36	..	..				Oct. 5th	P	17 11 30	..	..
	f	5 15 0	..	..				S	13 22 51	..	..					S	17 20 52	..	..
" 31st	e	12 51 0	..	..		Tremors.		L	18 25 41	..	..					L	17 38 23	..	..
	f	13 28 0	..	..				F	14 8 0	..	..					M	17 47 1	20	17		
" 31st	e	19 8 0	..	..		Tremors.	" 17th	P	19 23 47	..	..				" 5th	P	19 19 54	..	..
	f	19 46 0	..	..				S	19 36 32	..	..					F	19 50 0	..	..		Feeble shock.
Sept. 1st	e	16 17 0	..	..		Tremors.		M	20 33 7	..	9				" 6th	P	8 11 41	..	..
	f	17 40 0	..	..				F	22 54 0	..	..					S	8 21 26	..	..
" 8rd	P	12 10 33	..	..			" 21st	P	19 4 18	..	..					L	8 39 51	..	..
	S	12 13 55	..	..				S	19 10 9	..	..					M	9 3 30	20	6		
	L	12 15 37	..	..				L	19 15 29	..	..					F	11 8 0	..	..
	M	12 17 3	19	16				F	19 41 0	..	..								
	F	18 25 0	..	..			" 22nd	P	2 15 8	..	..				" 7th	e	16 10 0	..	..		Tremors.
" 4th	P	22 30 15	..	..				F	2 15 84	..	..					f	16 54 0	..	..
	S	22 34 34	..	..			" 24th	e	1 45 0	..	..				" 8th	P	17 26 54	..	..
	L	22 37 12	..	..				f	2 10 0	..	..					S	17 41 32	..	..
	M	22 41 1	12	4			" 24th	P	13 56 6	..	..					L	18 18 32	..	..
	F	23 21 0	..	..				S	13 59 21	..	..					M	18 29 47	20	7		
" 9th	P	3 34 1	..	..				L	14 1 14	..	..				" 9th	F	19 55 0	..	..
	S	3 39 37	..	..				M	14 4 14	10	3					P	3 19 19	..	..
	L	3 45 7	..	..				F	14 29 0	..	..					S	3 24 28	..	..
	M	3 46 2	22	6			" 28th	e	0 22 0	..	..					L	3 28 32	..	..
	F	4 51 0	..	..				f	1 8 0	..	..					M	3 30 35	11	2		
" 9th	P	8 10 41	..	..		Feeble shock	" 28th	P	15 13 14	..	..					F	4 2 0	..	..
	F	8 28 0	..	..				F	15 23 0	..	..								
" 9th	P	19 2 15	..	..			" 30th	P	5 11 53	..	..				" 12th	e	20 0 0	..	..		Tremors.
	S	19 7 50	..	..				F	5 18 0	..	..					f	20 11 0	..	..
	L	19 13 0	..	..															
	M	19 13 23	10	2			Oct. 1st	e	18 17 0	..	..				" 13th	e	17 18 0	..	..		Tremors.
	F	19 32 0	..	..				f	18 30 0	..	..					f	17 26 0	..	..
" 10th	P	20 32 15	..	..			" 2nd	e	10 13 0	..	..				" 14th	e	3 48 0	..	..		Tremors.
	S	20 39 50	..	..				f	11 3 0	..	..					f	4 32 0	..	..
	L	20 50 43	..	..			" 2nd	P	11 56 46	..	..				" 14th	P	10 23 12	..	..
	M	20 51 50	20	6				S	12 0 48	..	..					S	10 33 43	..	..
	F	21 58 0	..	..				L	12 4 0	..	..					L	10 54 37	..	..
" 11th	P	22 36 42	..	..				F	12 16 0	..	..					M	11 7 43	14	8		
	S	22 33 48	..	..												F	12 12 0	..	..
	L	22 43 27	..	..												P	20 32 54	..	..
	M	22 46 34	12	6												S	20 37 25	..	..
	F	23 46 0	..	..												L	20 40 43	..	..
" 14th	P	0 33 51	..	..		Feeble shock.		P	2 45 26	..	..					M	20 41 20	8	36		
	F	1 0 0	..	..				S	2 52 14	..	..					F	2 23 0	..	..

TABLE E 2—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		REMARKS.	
				An.							An.							An.			
1929.		H. M. S.					1929.		H. M. S.						1929.		H. M. S.				
Oct. 18th	P	10 52 29	..	..			Oct. 29th	Pe	10 30 20	..	..				Nov. 14th	P	20 54 31	..	..		Feeble shock.
	S	10 56 1	..	..				S	10 37 2	..	..					S	20 59 54	..	..
	L	10 57 51	..	..				L	10 45 20	..	..					Le	21 4 49	..	..
	M	10 59 17	10	3				F	11 18 0	..	..					F	21 36 0	..	..
	F	11 26 0	..	..			" 29th	P	18 42 55	..	..				" 15th	P	19 1 36	..	..
" 18th	e	11 37 0	..	..		Tremors.		S	18 46 36	..	..					S	19 9 24	..	..
	f	11 49 0	..	..				L	18 48 43	..	..					L	19 20 1				
" 19th	P	10 32 26	..	..				M	18 49 43	9	2					M	19 23 17	30	107		
	S	10 42 58	..	..				F	19 15 0	..	..					F	23 15 0	..	..
	L	11 4 8	..	..			Nov. 1st	P	7 5 37	..	..					Pe	22 58 7	..	..		Feeble shock.
	M	11 36 56	19	21				S	7 11 27	..	..					M	23 6 2	12	2		
	F	13 30 0	..	..				Le	7 17 6	..	..					F	23 21 0	..	..
" 20th	e	16 56 0	..	..		Tremors.		M	7 17 56	12	2				" 17th	P	3 52 39	..	..
	f	17 24 0	..	..				F	7 38 0	..	..					S	4 0 21	..	..
" 21st	Pe	10 52 43	..	..		Distant fee- ble shock.		e	16 26 0	..	..					L	4 11 9	..	..
	S	11 2 21	..	..				f	17 4 0	..	..					M	4 18 9	18	26		
	L	11 20 10	..	..			" 5th	P	11 47 32	..	..					F	7 30 0	..	..
	F	13 9 0	..	..				S	11 55 14	..	..				" 18-19th	P	20 45 55	..	..
" 22nd	P	18 46 55	..	..				L	12 6 32	..	..					S	20 57 7	..	..
	S	18 53 30	..	..				M	12 18 0	18	5					L	21 21 20	..	..
	L	19 1 30	..	..			" 9th	P	1 53 24	..	..					M	21 37 2	18	87		
	M	19 6 18	14	3				S	2 4 6	..	..					F	0 11 0	..	..
	F	19 47 0	..	..				L	2 26 9	..	..				" 19th	e	20 9 0	..	..		Tremors.
" 24th	P	6 42 11	..	..				M	2 30 45	20	4					f	20 20 0	..	..		Very feeble local shock.
	S	6 49 21	..	..				F	3 5 0	..	..				" 20th	P	7 48 54	..	..
	L	6 59 6	..	..				F	3 30 27	..	..					F	7 44 9	..	..
	M	7 0 22	21	11			" 11th	P	3 29 7	..	..				" 20th	Pe	20 1 21	..	..		Feeble shock.
	F	8 0 0	..	..				F	3 30 27	..	..					S	20 4 51	..	..
" 24th	e	19 10 0	..	..		Tremors.		P	5 53 52	..	..					L	20 6 50	..	..
	f	19 22 0	..	..				F	5 54 12	..	..					F	20 31 0	..	..
" 27th	e	16 51 0	..	..			" 11th	P	6 24 49	..	..				" 21st	e	22 5 0	..	..		Tremors.
	f	17 16 0	..	..				F	6 25 12	..	..					f	22 23 0	..	..
28th	Pe	9 56 53	..	..		Feeble shock	" 11th	P	10 49 10	..	..					P	0 12 45	..	..
	S	10 2 23	..	..				F	10 49 29	..	..					S	0 21 30	..	..
	L	10 7 5	..	..			" 11th	P	12 9 49	..	..					L	0 36 58	..	..
	F	11 11 0	..	..				F	12 10 24	..	..					M	0 48 11	19	5		
" 29th	P	5 57 59	..	..			" 13th	Pe	0 43 45	..	..					F	2 32 0	..	..
	S	6 1 39	..	..				S	0 50 46	..	..					P	2 53	..	..		Very feeble local shock.
	L	6 3 49	..	..				L	0 59 55	..	..					F	2 53 25	..	..
	M	6 11 47	17	5				M	1 8 0	25	9					P	4 36 6	..	..		Very feeble local shock.
	F	7 9 0	..	..				F	2 1 0	..	..					F	4 37 24	..	..

TABLE E 2—concl.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD.E. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD.E. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD.E. (μ)	REMARKS.	
1929.		H. M. S.				1929.		H. M. S.					1929.		H. M. S.			
	P	5 15 49	Very feeble local shock.		Dec. 9th	P	6 12 57	Feeble shock.		Dec. 18th	e	13 46 0	..	..	Tremors.
Nov. 27th	F	5 16 24				S	6 17 48				f	14 10 0
	P	11 50 52	..	..	Very feeble local shock.	9th		L	6 21 25	..	..		19th	e	15 34 0	..	..	Tremors.
" 27th	F	11 51 29	..	..				F	6 46 0	..	..			f	15 44 0	..	..
	P	12 10 52	..	..	Very feeble local shock.	9th		P	6 55 31	..	..		20th	e	10 59 0	..	..	Tremors.
" 27th	F	12 11 19	..	..				S	7 0 6	..	..			f	11 42 0	..	..
" 30th	P	4 44 8	..	..	Very feeble local shock.	9th		L	7 3 17	..	..		21st	e	12 38 0	..	..	Tremors.
	F	4 44 38	..	..				M	7 7 28	20	99			f	13 12 0	..	..
Dec. 3rd	P	7 46 15	..	..	Feeble shock.	10th		F	10 37 0	..	..	Feeble shock.	24th	Pe	20 6 54	..	..	Feeble shock.
	Se	7 55 3	..	..				P	17 59 5	..	..			F	20 17 0	..	..
	L	8 9 58	..	..				S	18 2 27	..	..		24th	e	21 9 0	..	..
	F	8 55 0	..	..				L	18 4 13	..	..			f	21 19 0	..	..	Tremors.
" 4th	e	7 26 0	..	..	Tremors.	18th		P	10 0 0	..	..	Tremors.	27th	P	18 40 56	..	..
	f	8 3 0	..	..				F	11 44 0	..	..			S	18 49 6	..	..
" 6th	P	10 6 44	..	..	Very feeble local shock.	14th		P	4 2 28	..	..	Very feeble local shock.	27th	L	14 2 18	..	..
	F	10 7 1	..	..				F	4 3 0	..	..			M	14 7 12	10	1	
" 6th	e	12 0 0	..	..		15th		P	20 2 3	..	..		28th	F	14 35 0	..	..
	f	18 49 0	..	..				S	20 5 22	..	..			P	12 45 18	..	..
" 6th	P	17 5 48	..	..		17th		L	20 7 1	..	..		28th	e	2 7 0	..	..	Tremors.
	S	17 15 36	..	..				M	20 7 26	10	2			f	2 37 0	..	..
	L	17 34 36	..	..				F	20 28 0	..	..		28th	Pe	11 45 18	..	..
	M	17 47 1	20	16				P	11 10 49	..	..			S	11 54 35	..	..
" 6th	P	19 47 0	..	..		17th		S	11 20 35	..	..		28th	L	12 11 32	..	..
	S	20 50 5	..	..				L	11 39 1	..	..			M	12 19 54	10	6	
" 6th	L	21 8 35	..	..		18th		M	11 44 1	32	2833		31st	F	13 25 0	..	..
	M	21 21 45	20	11				F	17 5 0	..	..			P	1 14 48	..	..
" 7th	P	23 13 0	..	..	Feeble shock.	18th		P	7 6 55	..	..		31st	S	1 23 41	..	..
	M	10 9 59	10	2				S	7 18 43			L	1 39 45	
" 7th	F	10 17 0		18th		L	7 22 8		31st	M	1 40 12	10	6	
	F	8 4 0				M	7 26 2	18	8			F	2 27 0	

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STATION—CALCUTTA (ALIPORE).

 $\phi = 22^\circ 32' \text{ N}$; $\lambda = 88^\circ 24' \text{ E}$; $h = 6.4 \text{ m}$. Subsoil—Alluvial.

Apparatus—Two Omori—Ewing Horizontal Pendulum Seismographs.

TABLE E 3.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	Distance (Km.)	Δ	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	Distance (Km.)	Δ	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	Distance (Km.)	Δ	REMARKS.	
1929.	Instr.	H. M. S.						1929.	V		To		G		$\frac{1}{To^2}$									
Jan. 1st	AE. EP.	13 49 5	Un-certain	1 ..	..	..	Very slight shock, other phases indistinct.	Jan. 13th	AN. P	0 12 56	8	.. ..	..	..	..	..	Jan. 19th	AN. P	11 23 22	Un-certain	1 ..	..	..	Slight shock.
	F	14 42 5	..	.. ..	..	..			S	0 21 28	6	.. ..	..	..	..	..		S	11 25 22	..	1 ..	..	..
" 1st	AN. EP.	13 48 17	3 ..	.. ..	..	..	Other phases uncertain.	" 13th	L	Uncertain	..	.. ..	..	..	..	..		L	11 26 59	4	.. ..	..	..
" 5th	AE. EP.	16 13 42	Un-certain	.. ..	..	500	Slight shock.	" 14th	M	0 45 44	..	362	..	..	..	..		F	11 49 8	..	1 ..	..	..
	S	16 14 26	"	.. ..	..	..			F	1 50 18	..	.. ..	..	..	..	..	" 20th	AE. P	15 2 23	8	.. ..	..	..	Tremors only.
	F	16 24 48	..	.. ..	..	..			P	18 51 15	Un-certain	5	.. ..	..	..	..		F	15 34 46	..	1 ..	..	..
" 6th	AN. EP.	16 13 55	Un-certain	.. ..	..	..	Tremors throughout the trace.	" 14th	S	18 56 15	..	.. ..	..	..	..	..	" 20th	AN. P	15 2 25	8	.. ..	..	..	Do.
	S	16 14 31	"	.. ..	..	..			L	19 2 43	7	.. ..	..	..	..	..		F	15 30 16	..	1 ..	..	..
" 8th	AE. EP.	7 34 16	Un-certain	.. ..	..	7280	Slight shock.	" 14th	F	Uncertain	..	.. ..	..	..	..	..	" 21st	AE. P	..	..	.. ..	..	..	Not well marked.
	S	7 42 42	5	.. ..	..	..			A.E. EP.	9 51 28	Un-certain	.. ..	..	960	..	..	" 21st	AN. P	5 14 49	Un-certain	.. ..	..	..	Tremors only.
	F	8 20 10	..	.. ..	..	..			S	9 58 4	..	.. ..	..	..	..	..	" 21st	A.E. P	20 56 15	5	.. ..	..	12800	Slight shock.
	AN. EP.	7 34 3	Un-certain	5	.. ..	..	Do.	" 10th	F	Uncertain	..	.. ..	..	..	..	..	" 21st	S	21 10 35	Un-certain	.. ..	..	..
	S	7 42 43	5	.. ..	..	..			AN. P	9 51 0	Un-certain	.. ..	..	..	..	..		F	22 34 15	..	.. ..	..	..
" 13th	AE. P	0 12 58	3	.. ..	..	6880	Shock of considerable intensity.	" 16th	S	9 58 0	2	.. ..	..	..	..	..	" 24th	AN. P	20 56 18	5	.. ..	..	..	Do.
	S	0 21 26	6	.. ..	..	..			L	10 18 0	..	.. ..	..	..	..	..		S	21 7 36	Un-certain	.. ..	..	..
	L	0 33 40	26	.. ..	..	..			F	8 12 18	Un-certain	.. ..	..	3520	..	..	" 24th	F	Uncertain	.. ..	.. ..	..	..
	M	0 37 40	..	.. ..	..	724			A.E. P	8 17 44	6	.. ..	..	..	..	..	" 30th	A.E. P	..	..	.. ..	..	..	Not well marked.
	F	2 16 40	..	.. ..	..	..			S	8 21 58	8	.. ..	..	..	..	..		F	17 1 44	Un-certain	.. ..	..	..	Tremors only.
" 18th	EP.	18 53 45	Un-certain	.. ..	..	8840	Slight shock.	" 19th	L	9 13 58	..	.. ..	..	..	..	..	" 30th	AN. P	17 18 45	2	.. ..	..	..	Moderate shock.
	S	18 59 29	..	.. ..	..	..			F	8 57 33	..	.. ..	..	..	..	..		L	17 22 21	Un-certain	.. ..	..	..
	F	19 21 45	..	.. ..	..	..			A.E. P	11 28 34	Un-certain	3	.. ..	..	1200	..		F	17 22 47	..	.. ..	..	..
									S	11 25 14	..	.. ..	..	..	..	..		AN. P	18 23 82	..	.. ..	..	..
									L	11 26 58	Un-certain	.. ..	..	..	..	..		L	17 22 24	Un-certain	.. ..	..	..
									F	11 48 34	..	.. ..	..	..	..	..		F	18 24 43	..	.. ..	..	..

TABLE E 3--cont'd.

Date.	Phase.	Time. G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		Δ (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		Δ (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)		Δ (Km.)	REMARKS.		
				AN.	AB.							AN.	AB.							AN.	AB.				
1929.		H. M. S.						1929.		H. M. S.						1929.		H. M. S.							
Feb. 8th	A.E. EP	2 1 58	Un- certain	..	..	..	Tremors.	Mar. 7th	AN. P	1 43 47	5	..	..	..	..	Mar. 22nd	A.E. P	Missed	..	..	..	..	Earthquake beginning just at the time of changing the drum.	
	F	2 21 2	..	..	..	..				S	1 53 25	14	..	..	..	..			..	..	..	..
8 9th	A.N. EP	2 1 39	Un- certain	..	..	..	Do.	" 9th	M	"	..	..	..	..	..	" 22nd	A.N. P	3 9 32	Un- certain	..	..	..	..	1440 Slight shock.
	F	2 21 39	..	..	..	..				F	"	..	..	..	..	..			..	..	..	..
8 10th	A.E. P	15 58 57	Un- certain	..	..	..	Do.	" 9th	AE. P	2 20 56	Uncertain	..	..	8320	Slight shock.	" 23rd	S	3 11 57	5	..	..	..	..	Do.
	F	Uncertain	..	..	..	..				S	2 30 38	"	..	..	..				L	3 18 10	8	..	..
8 10th	A.N. LP	16 58 33	Un- certain	..	..	..		" 9th	F	Uncertain	..	..	..	..	..	F			3 39 32	..	..	..	..
	F	16 11 47				P	11 12 24	Uncertain	8160	Slight shock.			eP	20 8 11	Uncertain	5	5760
8 15th	A.E. P	5 48 11	Un- certain	..	..	..	Lines con- gested.	" 9th	S	11 21 24	6	..	..	..	..	" 23rd	S	20 15 32	Uncertain	..	..	..	..	Do.
	F	6 24 29	..	..	..	..				F	13 18 24	..	..	..	..	..			F	Uncertain	..	..	..	..
8 15th	A.N. P	5 47 53	3	..	..	4800	Slight shock.	" 9th	AN. P	2 20 47	Uncertain	..	..	..	..	" 23rd	AN. EP	20 8 16	Uncertain	..	..	..	..	Tremors.
	S	5 54 23	6	..	..	..				S	2 30 24	7	..	..	..	..			F	Uncertain	..	..	..	..
8 22nd	A.E. P	21 1 40	5	..	..	11200	Slight distant shock.	" 9th	EP	11 12 38	6	..	..	..	..	" 25th	A.E. P	3 51 19	2	..	..	980	Slight shock.	
	L	21 40 10	23	..	..	..				S	11 22 20	8	..	..	..	..			F	3 58 49	7	..	..	..
8 22nd	F	22 27 10	..	..	..	..				F	13 20 20	..	..	..	..	..			L	4 26 15	..	..	..	..
	A.N. P	21 1 47	4	..	..		Tremors.	" 10th	AE. P	14 43 53	Uncertain	..	..	5760	Do.	" 25th	AN.	..	..	..	..	..	Clock stopped.	
8 26th	A.E. P	9 12 36	Un- certain	9600	Slight dis- tant shock.			S	14 51 15	"			Apl. 8th	AE. P	10 26 0	Uncertain	3520 Slight shock.
	S	9 23 36	5	..	..	..				F	15 21 45	..	..	..	..	..			S	10 31 18	..	..	..	..
8 26th	L	9 46 42	17	..	..	..		" 10th	AN. P	14 48 20	Uncertain	..	..	..	..	" 8th	AN	..	..	..	..	..	Clock stopped.	
	F	10 18 20	..	..	..	..				S	14 50 50	"	..	..	..	..			P	14 50 50	..	..	..	..
8 26th	A.N. P	9 18 10	Un- certain	..	..	..	Do.	" 18th	AE. P	11 6 5	2	..	..	2240	Do.	" 11th	L	0 0 4	6	..	..	..	1072 Slight shock.	
	S	9 23 25	5	..	..	..				S	11 9 37	5	..	..	..	..			F	Uncertain	..	..	..	..
Mar. 3rd	F	10 16 40	..	..	..	..		" 18th	F	15 21 50	..	..	..	..	..	" 10th	AE. P	23 55 32	Uncertain	..	..	..	..	1072 Slight shock.
	A.E. P	3 15 18	Un- certain	..	..	1440	Slight shock.			P	11 26 11	..	..	..	..	..			S	23 57 32	"	..	..	..
Mar. 3rd	L	3 19 0	4	..	..	..		" 18th	AN. P	11 6 8	2	..	..	..	..	" 11th	L	0 0 4	6	..	..	..	..	1072 Slight shock.
	F	3 45 18	"	..	..	..				S	11 9 49	4	..	..	..	..			F	11 27 4	..	..	..	..
8 3rd	A.N. P	3 15 23	Un- certain	..	..	..	Slight shock.	" 14th	AE. P	20 48 51	Uncertain	..	..	2080	Do.	" 20th	AE. P	11 18 37	Un- certain	..	..	..	..	7392 Do.
	L	3 19 7	4	..	..	..				S	20 47 13	5	..	..	..	..			F	11 37 27	"	..	..	..
8 7th	F	3 45 23	..	..	..	..		" 14th	F	21 11 25	..	..	..	..	..	L			12 45 0	..	..	..	..
	A.E. P	1 48 49	6	8000	Great shock.			S	20 48 42	2	2030	Slight shock.			AN. EP	11 18 34	Un- certain
8 7th	S	1 53 31	18	..	..	..		" 14th	AN. P	20 47 9	6	..	..	..	..	L			11 37 18	"	..	..	..	..
	L	2 10 17	32	..	..	..				S	21 11 27	..	..	..	..	..			F	12 46 33	..	..	..	..

TABLE E 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		Distance (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		Distance (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		Distance (Km.)	REMARKS.			
				AN.	A.E.							AN.	A.E.							AN.	A.E.					
1929.		H. M. S.																								
Apr. 30th	AE.	P	12 37 25	Un- certain	800	Slight shock.	May 18th	AE.	EP	6 53 4	4	3840	Slight shock.	May 26th	P	22 56 49	5	Clock stopped before the arrival of large waves.	
	S	12 38 43	4	.. ..	..				S	6 58 23	6	.. ..	..			S	23 7 11	7	.. ..	..				
	F	13 10 5	..	.. ..	..				L	7 3 52	10	.. ..	..											Very distant slight shock. Lines con- gested.
	P	18 54 5	2	2880	Do.	" 18th	F	Uncertain			" 30th	AE.	EP	10 2 44	Un- certain	Do.	
" 30th	S	18 58 35	4	.. ..	..				AN.	EP	6 52 33	3	.. ..	3840	Do.	" 30th	AN.	EP	10 2 50	..	.. ..	..	
	L	19 2 29	8	.. ..	..				S	6 58 14	5	.. ..	..				AN.	EP	21 46 10	2	.. ..	4160		Slight shock.
	F	19 40 5	..	.. ..	..				L	7 3 36	8	.. ..	..				S	21 52 18	4	.. ..	..			
	AN.	P	12 37 23	Un- certain	.. ..	..			F	7 35 14	..	.. ..	..				L	21 57 18	7	.. ..	..			
" 30th	S	12 38 50	3	.. ..	..				AN.	P	16 44 35	5	.. ..	5440	Moderate shock.	" 2nd	AE.	P	21 46 10	2	.. ..	..		
	F	Uncertain	..	.. ..	..				S	16 52 3	2	.. ..	..				F	22 55 18	..	.. ..	..		
	P	18 54 0	2	.. ..	..				L	16 59 15	12	.. ..	..				AN.	P	21 46 8	2	.. ..	..		
	S	18 58 40	3	.. ..	..				M	17 1 59	..	.. ..	259	..			S	21 52 22	4	.. ..	..			
May 1st	L	19 2 24	6	.. ..	..				F	18 2 15	..	.. ..	..				L	21 57 37	6	.. ..	..			
	F	Uncertain	1	..			" 21st	AN.	P	16 44 21	4			F	Uncertain				
	AE.	P	15 43 50	4	.. ..	3520	Severe shock.		S	16 51 47	6	.. ..	..				AE.	P	20 36 29	3	.. ..	2880		Do.
	S	15 48 58	10	.. ..	..				F	Uncertain	..	.. ..	..				S	20 40 54	5	.. ..	..			
" 1st	L	15 54 10	22				" 21st	AN.	P	16 44 21	4			F	Uncertain				
	F	17 40 22				S	16 51 47	6				AE.	P	20 36 13	2				
	AN.	P	15 43 47	5	.. ..	..			L	16 59 3	10	.. ..	..				S	20 40 49	5	.. ..	..			
	S	15 48 51	8	.. ..	..				F	Uncertain	..	.. ..	..				F	Uncertain	..	.. ..	..		
" 1st	L	15 53 59	18				" 24th	AE.	EP	18 42 57	Un- certain	960	Slight shock.	" 3rd	AN.	P	20 36 13	2			
	F	17 36 25	..	.. ..	..				S	18 44 31	2	.. ..	..				S	20 40 49	5	.. ..	..			
	AE.	EP	18 36 1	Un- certain	.. ..	2240	Slight shock.		L	18 45 17	5	.. ..	..				F	Uncertain	..	.. ..	..		
	S	18 39 25	3				F	19 15 31				" 4th	AE.	P	15 22 15	2	4480	Slight shock.		
" 13th	L	18 42 37	6				" 24th	AN.	EP	18 42 25	1			S	15 28 25	4				
	F	14 11 1	..	.. ..	..				S	18 44 11	3	.. ..	..				L	15 35 29	6	.. ..	..			
	AE.	EP	18 35 57	2	.. ..	..			L	18 45 5	5	.. ..	..				F	15 58 5	..	.. ..	..		
	S	18 39 13	4				F	19 2 35				AN.	P	15 22 13	2				
" 13th	L	18 42 21	6				" 26th	AE.	P	8 51 2	Un- certain	5440	Slight shock.	" 4th	S	15 29 23	4				
	F	Uncertain	..	.. ..	..				S	8 57 50	4	.. ..	..				F	Uncertain	..	.. ..	..		
	AN.	EP	18 35 57	2			L	9 6 36	6				" 8th	AE.	P	6 15 2	Un- certain	1280		Do.	
	S	18 39 13	4	.. ..	..				F	Uncertain	..	.. ..	..				L	6 18 26	4	.. ..	..			
" 17th	L	18 42 21	6	.. ..	..				" 26th	P	22 56 44	5	.. ..	9600	Great shock.	" 8th	F	6 38 2	..	.. ..	..		
	F	Uncertain	..	.. ..	..				S	23 7 22	8	.. ..	..				AN.	P	6 14 50	Un- certain	.. ..	..		
	AE.	P	19 25 22	Un- certain	.. ..	480	Local shock.		L	23 23 4	Un- certain	.. ..	..				L	6 18 14	4	.. ..	..			
	L	19 26 28	2	.. ..	..				F	1 12 4	..	.. ..	..				F	6 33 50	..	.. ..	..		
" 17th	F	19 39 22				" 26th	AN.	P	8 50 55	2			" 9th	AE.	EP	9 16 53	2	6720		Do.
	AN.	P	19 25 27	Un- certain	.. ..	..			S	8 57 47	4	.. ..	..				S	9 25 1	5	.. ..	..			
	L	19 26 27	"	.. ..	..				L	Uncertain	.. ..	.. ..	..				L	9 39 25	10	.. ..	..			
	F	Uncertain	..	.. ..	..				F	..	.. ..	..	..				F	10 44 25	..	.. ..	..		

TABLE E 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)	Δ	Distance (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)	Δ	Distance (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)	Δ	Distance (Km.)	REMARKS.		
1929.		H. M. S.						1929.		H. M. S.							1929.		H. M. S.						
June 9th	AN. EP	9 16 38	Un- certain	Tremors, other phases uncertain.	June 13th	P	23 0 36	2	Tremors only.	June 30th	AE. P	2 51 49	2	5280	Slight shock,
" 10th	AE. P	9 22 5	Un- certain	...	...	480	Local shock.	" 16th	AE. P	23 5 8	6	...	...	8320	Great dis- tant shock.	" 30th	AE. P	2 51 49	2	...	...	...
"	S	9 23 5	"	...	...	...			S	23 14 46	12	...	...	...			L	2 58 37	3	...	...	...
"	F	Uncertain	...	...	...	...			L	23 32 42	20	...	...	...			F	2 58 43	4	...	...	...
" 19th	AN.	...	...	...	...	...	Clock stop- ped.		F	"	...	...	...	...			AN. P	2 51 53	2	...	...	...
" 12th	AE. P	11 46 11	5	...	...	5440	Slight dis- tant shock.	" 16th	AN. P	23 5 11	4	...	...	...			AN. P	2 58 43	4	...	...	...
"	L	12 2 17	8	...	...	...			S	23 14 41	8	...	...	...			F	Uncertain	...	...	...	...
"	F	12 32 17			L	Uncertain			AE. P	12 11 42	Un- certain	3840	Slight shock,	
" 12th	P	14 33 58	2	...	...	1120	Slight shock.	" 17th	M	23 42 3	1208	...	...	...			S	12 17 17	Un- certain	...	...	...
"	S	14 35 38	4	...	...	...			F	0 50 3	...	...	...	...			F	Uncertain	...	...	...	...
"	L	14 37 12	6	...	...	...			AE. P	10 24 9	Un- certain	4	...	4160	Slight shock.	" 4th	AN. P	12 11 59	Un- certain	...	...	...
"	F	14 59 48	..	...	...	...			S	10 29 55	...	...	...				S	12 17 43	Un- certain	...	...	...
" 12th	AN. P	11 46 14	Un- certain	...	...	...	Slight dis- tant shock.	" 17th	F	Uncertain	...	...	...	...			F	Uncertain	...	...	...	...
"	L	12 2 28	6	...	...	...			AE. P	10 24 9	Un- certain	4	...	4160	Slight shock.	" 5th	AE. P	14 30 47	3	...	...	9120	Distant moderate shock.
"	F	Uncertain	..	...	...	...			S	10 29 55	...	...	...				S	14 41 21	5	...	...	...
" 12th	EP	14 34 14	2	...	...	...	Slight shock.	" 17th	AN. P	10 24 5	2	...	...	...			L	15 0 57	14	...	...	...
"	S	14 35 46	4	...	...	...			B	10 29 47	4	...	...	...			F	Uncertain	...	...	...	...
"	L	14 37 20	6	...	...	...			F	Uncertain	...	...	...	...			AN. P	14 30 43	4	...	...	...
"	F	Uncertain	..	...	...	...			AE. P	7 40 38	2	...	...	6080	Slight dis- tant shock.	" 5th	S	14 41 0	6	...	...	...	Do.
" 13th	AE. P	9 21 59	2	...	...	6720	Moderate shock.	" 19th	S	7 48 6	4	...	...	...			L	15 0 43	14	...	...	...
"	S	9 30 11	5	...	...	...			F	Uncertain	...	...	...	...			F	Uncertain	...	...	...	...
"	L	9 43 11	10	...	...	...			AE. P	19 26 36	Un- certain	4	...	1760	Slight shock.	" 5th	AN. P	14 30 43	4	...	...	...
"	F	Uncertain	..	...	...	...			S	19 26 44	...	...	...				S	14 41 0	6	...	...	...
" 13th	P	9 32 11	6	...	...	4800	Great shock.	" 19th	F	19 51 14	...	...	...	...			L	15 0 43	14	...	...	...
"	S	9 38 39	10	...	...	...			AN. P	7 40 37	Un- certain	...	...	...			M	22 10 54	...	...	...	472	
"	P	9 46 18	22	...	...	...			AE. P	19 26 41	...	...	...				F	24 11 4	...	...	...	...
"	F	11 18 9	..	...	...	...			S	19 51 14	...	...	...				AE. P	21 34 48	5	...	...	8640	Do.
" 13th	P	23 9 32	3	...	...	6080	Slight shock.	" 19th	P	19 26 41	...	...	...				S	21 44 40	5	...	...	...
"	S	23 17 6	6	...	...	...			AN. P	19 26 41	Un- certain	...	...	...			L	22 4 28	15	...	...	...
"	L	23 27 46	10	...	...	...			AE. P	13 5 14	5	...	...	9600	Great dis- tant shock.	" 7th	M	22 10 54	...	...	...	472	
" 14th	F	9 32 32	..	...	...	...			S	13 15 44	8	...	...	...			F	24 11 4	...	...	...	...
" 13th	AN. P	9 21 54	8	...	...	...	Moderate shock.	" 27th	L	13 37 30	16	...	...	...			AN. P	21 34 57	4	...	...	...
"	S	9 30 2	5			M	13 47 8	1017	...				S	21 44 45	6		
"	L	9 43 14	8	...	...	...			F	13 27 30	...	...	...	...			L	22 4 28	16	...	...	...
"	F	Uncertain	..	...	...	...			AN. P	13 5 11	4	...	...	...			M	Uncertain	...	...	...	...
" 13th	P	9 32 17	4	...	...	...	Great shock.	" 27th	S	13 15 51	6	...	...	...			F	"	...	...	...	...
"	S	9 38 49	6			L	Uncertain			AN. P	7 47 34	Un- certain	2720	Slight shock	
"	L	9 46 21	10	...	...	...			M	"	...	...	...	...			F	7 55 4	"	...	...	...
"	F	Uncertain	..	...	...	...			P	14 40 41	...	...	...	...			AN. P	7 47 14	...	...	...	...	Tremors only.

TABLE E 3—cont'd.

Date.	Phase	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		△ (KM.)	REMARKS.	Date.	Phase	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		△ (KM.)	REMARKS.	Date.	Phase	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		△ (KM.)	REMARKS.			
				AN.	AE.							AN.	AE.							AN.	AE.					
1929		H. M. S.						1929.		H. M. S.						1929.		H. M. S.								
July 14th	A.E.	9 46 51	Un- certain	..	..	5600	Slight shock.	Aug. 16th	P	23 4 18	Un- certain	..	..	1120	Slight shock.	Sep. 2nd	P	11 20 17	4	..	..	3696	Distant shock.		
	S	9 54 3	"	..	..				L	23 6 22	"	..	..				S	11 25 57	7	..	..			
	F	Uncertain	..	..	..				F	Uncertain	..	..	..				L	11 35 23	12	..	..			
" 14th	A.N.	9 46 53	Un- certain	..	..			,, 16th	AN.	21 44 8	2	..	..			,, 2nd	F	Uncertain	..	..	..		
	S	9 54 27	"	..	..				P	21 46 24	3	..	..				AN	11 20 25	4	..	..	3696	Do.		
	F	Uncertain	..	..	..				S	Uncertain	..	..	..				F	11 25 59	6	..	..			
" 15th	A.E.	7 54 21	Un- certain	..	..	3520	Slight shock.	,, 16th	P	23 4 6	3	..	..			,, 3rd	Do.	Do.	Do.	Do.	Do.				
	L	8 4 51	"	..	..				L	23 6 6	4	..	..				L	Uncertain	..	..	..		
	F	Uncertain	..	..	..				F	Uncertain	..	..	..				F	12 10 11	..	..	..		
" 15th	A.N.	..	..	..	..		Tremors throughout. Phases un- certain.	,, 18th	AE.	15 9 19	Un- certain	..	..	2400	Distant slight shock.	,, 3rd	AE	12 12 41	3	..	..	1792	Slight shock.		
	S	..	..	..	..				P	15 13 5	"	..	..				S	12 17 12	Un- certain	..	..			
	F	..	..	..	..				F	Uncertain	..	..	..				F	12 48 41	..	..	..		
" 16th	A.E.	23 3 43	Un- certain	..	..	960	Slight shock.	,, 18th	AN.	15 9 22	Un- certain	..	..			,, 3rd	AN.	12 12 50	4	..	..			
	S	23 5 18	"	..	..				P	15 12 52	"	..	..				S	12 17 14	6	..	..			
	F	Uncertain	..	..	..				F	Uncertain	..	..	..				L	Uncertain	..	..	..		
" 16th	A.N.	23 3 33	Un- certain	..	..		Do.	,, 19th	AE.	2 40 6	5	..	..	4160	Distant moderate shock.	,, 9th	AE.	19 1 29	Un- certain	..	..	1882	Do.		
	S	23 5 12	"	..	..				P	2 55 6	6	..	..				S	19 4 31	6	..	..			
	F	Uncertain	..	..	..				L	3 0 58	12	..	..				L	Uncertain	..	..	..		
Aug. 1st	A.E.	5 4 59	2	..	..	1800	Distant moderate shock.	,, 19th	M	3 2 58	..	..	230			,, 9th	F	19 33 33	..	..	..		
	S	5 7 53	Un- certain	..	..				F	4 27 28	..	..	..				AE	19 1 26	Un- certain	..	..			
	L	5 9 45	"	..	..				AE	2 49 16	4	..	..				S	19 3 44	6	..	..			
" 1st	A.M.	5 11 9	..	..	..			,, 19th	P	2 55 16	7	..	..			,, 9th	L	Uncertain	..	..	..		
	F	6 10 45	..	..	..				S	3 0 51	11	..	..				F	19 30 26	..	..	..		
	A.N.	5 4 45	2	..	..		Do.		M	Uncertain	..	..	..				AE	22 30 34	Un- certain	..	..	3024	Slight shock.		
" 8th	S	5 7 38	5	..	..			,, 20th	F	"	..	..	..			,, 11th	AE	22 39 34	Un- certain	..	..			
	L	5 9 5	9	..	..				AE	16 40 41	5	..	..	2720	Distant slight shock.		S	22 39 34	9	..	..			
	F	6 9 5	"	..	..				P	16 57 11	13	..	..				L	22 39 34	9	..	..			
" 8th	A.E.	13 2 2	Un- certain	..	..	576	Local shock of great severity.	,, 20th	F	17 29 5	..	..	..			,, 11th	F	22 38 48	7	..	..			
	L	13 3 27	"	..	..				AN	..	..	..	..				S	22 5 58	..	..	..		
	M	13 6 11	..	..	1586				P	19 9 49	6	..	..				AE	19 30 32	Un- certain	..	..	10864	Distant slight shock.		
" 8th	F	14 22 11	..	..	..			,, 28th	S	19 20 0	12	..	..			,, 17th	L	Uncertain	..	..	..		
	A.N.	13 1 9	2	..	..		Do.		L	19 2 5	..	..	..				F	19 42 2	"	..	..			
	L	13 2 33	Un- certain	..	..				AE	19 2 8	Un- certain	..	..	5920	Distant slight shock.		S	19 42 2	"	..	..			
" 16th	M	13 5 54	..	1603	..			,, 28th	B	19 9 49	6	..	..			,, 17th	F	19 42 2	"	..	..			
	F	Uncertain	..	..	..				L	19 20 0	12	..	..				S	19 42 2	"	..	..			
	A.E.	21 44 15	Un- certain	..	..	1440	Slight shock.		F	20 2 5	..	..	..				L	Uncertain	..	..	..		
" 16th	S	21 46 33	"	..	..			,, 28th	AN	..	..	..	..			,, 17th	F	19 42 2	"	..	..			
	F	Uncertain	..	..	..				P	..	..	..	..				S	19 42 2	"	..	..			

TABLE E 3—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	Δ (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	Δ (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	Δ (Km.)	REMARKS.		
AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	AN. AE.	
1929.		H. M. S.																				
Sep. 17th	AN. eP	19 30 4	Un-certain	Distant slight shock.	Oct. 18th	AN. P	10 46 56	Un-certain	...	1440	Slight shock.	Nov. 15th	AN. P	18 57 13	8	...	6160	Moderate shock.		
	S	Uncertain	..	...	..			S	10 49 12	2	...	..			S	19 4 51	6	...	..	
	L	"	..	...	..			L	10 50 24	4	...	..			L	19 16 14	14	...	..	
	F	"	..	...	..			F	11 9 54	..	...	..			M	19 16 55	..	172	..	
Sep. 24th	AE. P	13 57 43	Un-certain	...	1680	Slight shock.	Oct. 19th	AE. P	10 32 45	Un-certain	...	3200	Do.	Oct. 17th	AE. P	3 50 54	Un-certain	..	5040	Do.		
	S	14 0 41	"	...	..			S	10 37 41	2	...	..			S	3 57 39	"	..	..	
	L	Uncertain	..	...	..			L	Uncertain	..	...	..			L	Uncertain	..	..	..
	F	"	..	...	..			F	11 20 11	..	...	..			F	"	..	..	..
Sep. 24th	AN. P	13 57 47	Un-certain	Do.	Oct. 19th	AN. P	10 32 48	Un-certain		Oct. 17th	AN. P	3 50 57	Un-certain	Do.		
	S	14 0 32	2	..	..			S	10 37 38	3	..	..			S	3 57 47	3	..	..	
	L	Uncertain	..	...	..			L	Uncertain	..	...	..			L	Uncertain	..	..	..
	F	14 26 47	..	...	..			F	11 20 6	..	...	..			F	"	..	..	..
Oct. 9th	AE. P	3 14 24	Un-certain	..	896	Do.	Oct. 24th	AE. P	"	Clock stopped.	Dec. 6th	AE. P	17 3 32	Un-certain	..	8176	Slight shock.		
	S	Uncertain	..	...	..			AN. P	6 41 12	Un-certain	..	4256	Slight shock.		S	17 12 58	"	..	..	
	L	3 16 27	4	..	..			S	6 47 12	"	..	..			L	17 30 6	20	..	..	
	F	3 43 24	..	...	..			L	Uncertain	..	..	..			F	18 23 18	..	..	..
Sep. 9th	AN. P	3 14 22	Un-certain		Oct. 29th	AE. P	18 38 4	Un-certain	..	896	Do.	Oct. 6th	AN. P	"	Pen went off the drum. No record.		
	S	Uncertain	..	...	..			S	18 39 37	"	..	..			S	17 12 58	"	..	..	
	L	3 16 24	4	..	..			L	Uncertain	..	..	..			L	17 30 6	20	..	..	
	F	3 43 24	..	...	..			F	7 10 58	..	..	..			F	18 23 18	..	..	..
Sep. 13th	AE. P	17 6 58	Un-certain	..	1008	Slight shock.	Oct. 29th	AE. P	18 38 3	Un-certain	Do.	Oct. 7th	AE. eP	10 1 9	Un-certain	..	1048	Slight shock.	
	S	17 8 34	"			S	18 39 37	2			S	10 2 59	5		
	L	17 9 34	3			L	18 40 1	3			L	10 3 41	7		
	F	17 22 59			F	18 56 41			F	Uncertain		
Sep. 13th	AN. P	17 7 0	Un-certain	..	1008	Do.	Nov. 5th	AE. P	11 46 38	Un-certain	..	3860	Do.	Oct. 7th	AN. eP	10 0 55	Un-certain			
	S	17 8 38	"	..	..			S	Uncertain	..	..	..			S	10 2 35	"	..	..	
	L	17 9 40	2	..	..			L	11 55 62	6	..	..	..		L	10 3 17	"	..	..	
	F	17 22 58	..	...	..			F	12 18 18	..	..	..	..		F	Uncertain	..	..	..
Oct. 16th	AE. P	20 29 0	Un-certain	..	1440	Great shock.	Oct. 5th	AN. P	11 46 36	Un-certain	Oct. 9th	AE. P	6 14 45	Un-certain	..	560	Slight shock.	
	S	20 31 13	4			S	11 52 22	3			S	6 15 38	"		
	L	20 32 11	12			L	Uncertain				F	Uncertain		
	M	20 34 6	..	2207	..			F	"				P	6 54 34	4	..	2852	Great shock.	
Oct. 16th	F	21 9 48		Nov. 15th	AE. P	18 57 19	8	..	6160	Moderate shock.	Oct. 9th	S	6 58 20	8			
	AN. P	20 29 6	Un-certain	..	..	Do.		S	19 5 4	10	..	..			L	7 3 2	20	..	..	
	S	20 31 42	3	..	..			L	19 16 25	18	..	..			M	7 4 32	..	1488	..	
	L	20 32 59	13	..	..			M	19 17 13	..	250	..			F	8 40 32	..	..	..
Oct. 18th	M	20 34 47	..	655	..		Oct. 18th	F	20 35 54			Oct. 9th	AN. P	6 14 43	Un-certain		
	F	21 9 47	Clock stopped.		F	"				S	6 15 37	"		
	A.E.			F	20 35 54				F	6 29 25		

TABLE E 3—concl.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		Distance Δ (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		Distance Δ (Km.)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUD. (μ)		Distance Δ (Km.)	REMARKS.			
				AN.	A.E.							AN.	A.E.							AN.	A.E.					
1929.		H. M. S.						1929.		H. M. S.						1929.		H. M. S.								
Dec. 9th	P	6 54 30	5	..	..	..			Dec. 17th	A.E. P	11 9 28	5	..	..	7360	Great shock.		Dec. 27th	A.N. P	13 40 42	2	..	..	
	S	6 58 24	7	..	..	..				S	11 18 14	10	..	..	..				S	13 47 4	4	..	..	..
	F	8 33 58	..	..	..	..				L	11 32 42	22	..	..	..				F	14 17 22	..	..	..	..
	A.E. P	19 56 57	Uncertain	..	..	1120	Slight shock.		.. 17th	A.N. P	11 9 34	5	..	..	7360	Slight shock.		.. 29th	A.E.	..	..	..	..	..	..	Phases lost in the continuous white marks left by the time indicator.
	S	19 58 46	6	..	..	..				S	11 18 48	10	..	..	..								
	F	20 18 46	..	..	..	..				L	11 33 10	22	..	..	..								
	A.N. P	19 56 44	Uncertain	..	..	..			.. 27th	A.E. P	11 40 21	..	2231	..	..				A.N. P	7 30 28	Uncertain	..	..	560	Slight shock.	
	S	19 58 49	5	..	..	..				S	13 47 0	4	..	..	..				S	7 31 28	3	..	..	..
	F	20 23 29	..	..	..	..				F	Uncertain	..	..	..	..				F	7 48 5	..	..	..	..

S. N. SEN,
Meteorologist, Calcutta.

STATION—AGRA.

 $\phi = 27^\circ 10' \text{ N}$; $\lambda = 78^\circ 05' \text{ E}$; $A = 169 \text{ m}$. Subsoil—Indo Gangetic Alluvium.

Apparatus.—Two Omori-Ewing Horizontal Pendulum Seismographs.

(Masses 50 kg.)

TABLE E 4.

										V	To	G	$\frac{1}{T_G^2}$				
AN	..	..	..	..	..	..	..	..	..	15.4	20	1					
AN	..	..	..	..	..	..	..	..	..	18.2	26	1		From 16th June 1929 to 29th September 1929.			
AN	..	..	..	..	..	..	..	..	..	22.5	21	1		From 30th September 1929 to 31st December 1929.			
AN	..	..	..	..	..	..	..	..	..	27.8	27	1					
Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE, (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE, (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE, (μ)	REMARKS.
				AN. AE.						AN. AE.						AN. AE.	
1929.		H. M. S.															
June 16th	AE. P	23 6 45	..	.. ..	Distant shock of considerable intensity.	July 5th	AE. P	22 47 10	..	.. ..	Distant slight shock.	July 13th	AN. M	7 49 44	12	45 ..	
	S	23 16 25	..	.. ..			S	22 57 12	..	.. ..			F	8 21 58	..	.. ..
	M	23 46 1	23	.. 1291			L	23 16 47	..	.. ..			AN. P	9 46 32	..	.. ..	Distant moderate shock.
	F	1 45 51	..	.. ..			M	23 22 24	20	.. 55			S	9 54 46	..	.. ..
.. 16th	AN. P	23 2 58	..	.. ..	Do.		AN. P	22 48 42	..	.. ..	Do.		Le	10 8 25	..	.. ..
	S	23 14 22	..	.. ..			S	22 58 27	..	.. ..			M	10 14 44	19	52 ..	
	Le	23 37 5	..	.. ..			L	23 17 57	..	.. ..			F	12 15 18	..	.. ..
	M	23 51 28	17	1006 ..			M	23 22 24	20	82 ..			AN. P	8 49 25	..	.. ..	Distant slight shock.
	F	2 24 13	..	.. ..			Fe	4 12 42	..	.. ..			IS	8 59 5	..	.. ..
													Le	9 20 28	..	.. ..
													M	9 25 1	21	16 ..	
.. 27th	AE. P	13 8 3	..	.. ..	Distant severe shock.		IS	21 43 55	..	.. ..			F	9 53 28	..	.. ..
	IS	13 17 57	..	.. ..			IL	22 3 32	..	.. ..			AE. P	5 7 10	..	.. ..	Slight shock.
	M	13 51 48	20	.. 352			M	22 9 54	27	.. 709			S	5 11 10	..	.. ..
	F	15 49 30	..	.. ..			F	1 34 4	..	.. ..			L	5 14 20	..	.. ..
													M	5 15 0	23	.. 71	
													AN. P	5 6 17	..	.. ..	Do.
July 5th .	AE. P	14 30 32	..	.. ..	Distant moderate shock.		IS	21 44 2	..	.. ..			S	5 10 15	..	.. ..
	S	14 40 20	..	.. ..			IL	22 3 22	..	.. ..			F	5 46 59	..	.. ..
	Le	14 59 27	..	.. ..			M	22 10 47	21	831 ..			AE. P	13 1 9	..	.. ..
	M	15 6 10	23	.. 151			F	1 32 15	..	.. ..			S	13 4 45	..	.. ..	Moderate shock.
	Fe	18 22 44	..	.. ..			AE. P	7 40 42	..	.. ..			L	13 6 22	..	.. ..
							S	7 44 19	..	.. ..			M	13 10 9	22	.. 360	
.. 5th	AN. P	14 30 26	..	.. ..	Do.		L	7 47 14	..	.. ..			F	14 85 58	..	.. ..
	S	14 40 19	..	.. ..			M	7 52 1	12	.. 27			AN. P	13 1 18	..	.. ..
	L	14 59 41	..	.. ..			F	8 13 52	..	.. ..			S	13 4 43	..	.. ..
	M	15 6 57	21	857 ..			AN. P	7 49 44	..	.. ..			L	13 6 14	..	.. ..
	F	17 49 5	..	.. ..			S	7 44 19	..	.. ..							Do.
							L	7 47 19	..	.. ..					

TABLE E 4—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)		REMARKS.		
				AN.	AE.						AN.	AE.						AN.	AE.			
1929.		H. M. S.					1929.		H. M. S.						1929.		H. M. S.					
Aug. 8th	A.N. M	13 9 23	19	649	..		Sept. 11th	A.N. S	22 31 54	..	..	..			Oct. 29th	A.N. Pe	5 57 49	..	..	..	Slight shock,
	F	14 38 39	..	..	..			L	22 40 50	..	..	..				8	6 1 37	..	..	..
" 19th	A.E. P	2 50 40	..	..	..	Mode rate shock.		M	22 44 40	12	16	..				L	6 3 38	..	..	..
	S	2 57 12	..	..	..		Oct. 5th	A.E. P	23 8 23	..	..	..				M	6 6 20	15	18	..	
	L	3 5 30	..	..	..			S	17 10 10	..	..	..				A.E. P	19 0 36	..	..	..
	M	3 8 17	15	..	187			L	17 18 41	..	..	..				S	19 9 16	..	..	..
	F	Lost while changing drum.							17 34 55	..	..	..				Le	19 24 11	..	..	..
" 19th	A.N. P	2 51 10	..	..	..			M	17 45 0	16	..	18				M	19 27 41	..	..	27	
	S	2 58 17	..	..	..			F	18 13 50	..	..	..				F	20 26 41	..	..	..
	IL	3 5 30	..	..	..		" 16th	A.E. P	20 21 35	..	..	..				A.E. Pe	20 45 9	..	..	..	Do.
	M	3 8 40	16	..	162			S	20 35 0	..	..	..				S	20 56 43	..	..	..
	F	Lost while changing drum.						L	20 36 30	..	..	..				Le	21 22 37	..	..	..
" 28th	A.E. Pe	19 0 16	..	..	..	Slight shock.		M	20 39 15	14	..	36				M	21 37 2	20	..	81	
	S	19 8 12	..	..	..			F	21 20 40	..	..	..				F	22 23 8	..	..	..
	L	19 21 4		" 16th	A.N. Pe	20 31 25					8					
	M	19 27 17	15	..	27			S	20 35 0				Dec. 9th	A.E. P	6 56 38	Moderate shock.
" 28th	A.N. P	19 1 85	..	..	..			L	20 37 15	..	..	..				S	7 1 13	..	..	..
	S	19 8 50	..	..	..			M	20 38 15	18	129	..				L	7 4 57	..	..	..
	L	19 18 14	..	..	..			F	21 21 59	..	..	..				M	7 5 57	29	..	153	
	M	19 28 22	15	26	..		" 10th	A.E. P	10 32 35	..	..	..				F	8 42 3	..	..	..
	F	19 49 0	..	..	..			S	10 42 40	..	..	..							
Sept. 2nd	A.E. Pe	11 20 30			Le	11 1 20				" 9th	A.N. P	6 56 32	Do.
	S	11 28 11			M	11 6 55	25	..	43					S	7 1 22	
	Le	11 39 35		" 19th	A.N. P	10 32 35					L	7 5 37	
	M	11 47 0	17	..	14			Se	10 42 20					M	7 12 26	19	..	171	
	F	12 20 0			L	10 55 5					F	8 43 54	
" 2nd	A.N. e	11 21 55			M	10 55 20	25	22	..				" 17th	A.E. IP	11 10 19	Distant a. w. s. s. shock.
	f	12 25 45	Tremors.	" 24th	A.E. P	6 42 57					IS	11 19 32	
" 3rd	A.N. P	12 10 37	Slight shock.		IL	6 58 53					IL	11 36 14	
	S	12 13 26			M	6 59 23	15	..	18					M	11 43 14	11	..	980	
	L	12 15 7			F	7 16 53					F	14 52 54	
	M	12 15 23	15	65	..		" 24th	A.N. Pe	6 43 0				" 17th	A.N. IP	11 10 22	Do.
	F	12 43 57			Se	6 49 55					IS	11 19 32	
" 11th	A.E. L	22 41 45			IL	6 57 50					IL	11 36 7	
	M	22 44 58			M	6 59 35	15	20	..					M	11 45 27	14	700	..	
								F	7 16 56					F	15 1 44	

G. CHATTERJEE, Meteorologist,

Upper Air Observatory, Agra.

The following table contains a list of earthquakes that were reported by voluntary observers from various stations :—

TABLE E-5.

Place at which felt.	Date.	G. M. T. of earth- quake.	Duration.	Intensity Rosen-Forel scale.	No. of shocks.	REMARKS.	Place at which felt.	Date.	G. M. T. of earth- quake.	Duration.	Intensity Rosen-Forel scale.	No. of shocks.	REMARKS.
	1929	H. M.	Sec.					1929	H. M.	Sec.			
Ajmer.	Jan. 7	1 35	1—2	4	3—4		Srinagar	June 18	14 15	about 3	7	1	
Srinagar	,, 14	9 45	about 4	7	2		Gulmarg	,, 18	14 25	about 3	6	2	
Lahore	Feb. 1	17 15	30—45	7	1		Angul	July 4	13 49	120	8	2	
Ferozepore	,, 1	17 15	60	7	2		Gulmarg	,, 10	9 10	2	6	1	
Multan	,, 1	17 22	5	7	3		Srinagar	,, 10	9 03	about 2	6	1	
Rawalpindi	,, 1	17 20	150	8	40		Mesched†	,, 18	7 28	5	6	2	
Sialkot	,, 1	17 15	50	7	8		Salonah (District Nowgong), Assam.	,, 29	15 53	about 7	5	1	
Peshawar	,, 1	17 20	20	7	4		Do.	,, 30	6 58	about 4	5	1	
Drosh*	,, 1	17 15	90	7	1		Angul	Aug. 2	17 40	about 5	4	1	
Gurez (Kashmir)	,, 1	17 15	26	8	2		Pasni	,, 3	12 05	..	..	1	
Cherat	,, 1	17 00	90	6	1		Drosh	Sep. 24	13 55	60	5	2	
Srinagar	,, 1	17 19	about 25	8	2		R. A. F., Peshawar	,, 24	13 58	4	3	2	
Skardu	,, 1	17 15	5	5	4		Srinagar	,, 24	14 03	2	6	1	
Sonamarg	,, 1	17 15	7	7	3		Gulmarg	,, 24	13 58	12	7	3	
Nagar Parker (Sind)	,, 13	13 33	10	4	1		Drosh	,, 29	0 30	20	5	1	
Drosh	,, 23	22 45	10	5	1		Gulmarg	,, 30	5 05	5	7	3	
Gurez	Mar. 13	11 02	5	5	1		Srinagar	,, 30	5 03	about 2	6	1	
Srinagar	,, 18	11 03	about 3	6	1		Salonah (District Nowgong), Assam.	Dec. 6	4 42	about 10	5	1	
Drosh	,, 13	10 55	12	5	1		Mymensingh	,, 9	6 13	2	5	3	
Salonah (District Nowgong), Assam.	Apl. 18	8 48	about 5	5	1		Rawalpindi	,, 10	18 00	7	5	7—8	
Tezpur	,, 18	8 30	about 5	..	1		Gurez	,, 10	18 12	3—7	7	2	
Cherrapunji	May 1	11 14	8	6	2		Srinagar	,, 10	18 07	about 3	6	2	
Mesched†	,, 1	15 43	65	9	3		Drosh	,, 10	17 55	40	5	1	
Gauhati	,, 17	19 18	about 13	6	2		Salonah (District Nowgong), Assam.	,, 11	14 37	10	6	2	
Salonah (District Nowgong), Assam.	,, 25	12 17	5	6	1		Drosh	,, 14	0 55	30	5	1	
							Cherrapunji	,, 29	7 28	4	4	2	

* Portion of tower of lower Drosh Fort fell down.

Portion of wall inside the upper Drosh Fort fell down.

† In the neighbourhood of Gifan and Shirwan on the Russo-Persian border north of Meshed, about 2,000 people are reported to have perished. The shock is stated to be of 25 minutes duration there.

‡ The ceiling of one of the rooms of the upper storey of the Consulate fell down.

J. M. SIL,
Meteorologist, Poona.

GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

ANNUAL SUMMARY FOR 1929

PART F

ERRATA TO MONTHLY WEATHER REPORTS

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C. W. B. NORMAND, M.A., D.Sc.,

Director General of Observatories

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ANNUAL SUMMARY FOR 1929.
PART F.

ERRATA SHEETS.

For the monthly Weather Reports, January to December, 1929.

JANUARY 1929.

Reference.	Figure Column.	For	Read
Akyab . . .	3, 7 and 8.	N 19 E, 83·3 and +2·5.	N 16 E, 83·4 and +2·6.
Minbu . . .	7 and 8.	84·7 and +0·6.	84·8 and +0·7.
Bhamo . . .	2.	+030.	-013.
Tezpur . . .	3, 10 and 11.	N 40 E, 51·9 and -0·5.	N 45 E, 51·7 and -0·7.
Silchar. . .	3, 7, 8, 10, 11, 16 and 17.	N 83 E, 76·0, -1·9, 54·8, +2·3, 2·57 and +1·76.	N 80 E, 76·2, -1·7, 54·7, +2·2, 2·61 and +1·80.
Sibsagar . . .	1 and 2.	29·707 and -012.	29·711 and -008.
Chittagong . . .	7 and 8.	80·8 and +2·4.	81·0 and +2·6.
Mymensingh. . .	7 and 8.	75·3 and -0·5.	75·4 and -0·4.
Jalpaiguri . . .	1 and 2.	29·728 and -023.	29·733 and -018.
Sambalpur . . .	7, 8, 9, 10 and 11.	82·9, +1·2, 88·0, 57·0 and +1·9.	82·8, +1·1, 87·5, 57·1 and +2·0.
Cuttack . . .	2.	-034.	-027.
Chaibasa . . .	7, 8, 10 and 11.	77·6, -1·5, 55·2 and +3·2.	78·4, -0·7, 54·9 and +2·9.
Ranchi . . .	7, 8, 10 and 11.	72·1 (b), -1·7, 52·5 (b) and +1·0.	72·3 (b), -1·5, 52·8 (b) and +1·3.
Purnea . . .	7 and 8.	73·3 and -1·2.	73·1 and -1·4.
Darbhanga . . .	7 and 8.	72·7 and -0·4.	73·2 and +0·1.
Patna . . .	10 and 11.	52·9 and +2·0.	52·8 and +1·9.
Naya Dumka . . .	10 and 11.	52·2 and +1·1.	52·0 and +0·9.
Darjiling . . .	7 and 8.	47·0 and -0·3.	47·3 and 0.
Dhubri . . .	7, 8 and 9.	71·4, -2·4 and 75·6.	71·0, -2·8 and 75·2.
Benares . . .	7 and 8.	71·6 and -2·7.	71·9 and -2·4.
Allahabad . . .	10 and 11.	49·6 and +1·6.	49·7 and +1·7.
Bareilly . . .	1 and 2.	29·422 and -018.	29·421 and -019.
Khushab . . .	1, 2, 4, 5, 6, 7, 8, 10, 11, 13 and 14.	29·411, -022, 2·1 (c), 43·9, 38·2, 67·7, -0·4, 39·4, -2·1, 55 and -13.	29·408, -025, 2·1, 44·0, 38·4, 67·3, -0·8, 39·5, -2·0, 56 and -12.
Khanpur . . .	10, 16 and 18.	39·1 (b), 1·50 and 2.	38·9 (b), 0·89 and 1.
Srinagar . . .	10 and 11.	28·8 and +1·7.	28·9 and +1·8.
Skardu . . .	5.	21·7.	21·6.
Peshawar . . .	2 and 4.	-037 and 0·6.	+013 and 0·1.
Jacobabad . . .	16, 17, 18 and 19.	0, -0·26, 0 and -0·7.	0·20, -0·06, 1 and +0·3.
Jodhpur . . .	3.	N 36 E.	N 35 E.
Deesa . . .	4.	6·0.	6·1.
Indore . . .	10 and 11.	47·3 and -2·8.	47·4 and -2·7.
Akola . . .	16, 17, 18, 19 and 20.	0, -0·35, 0, -0·7 and 0.	0·25, -0·10, 1, +0·3 and 0·25.

JANUARY 1929—*concl.*

Reference.	Figure Column.	For	Read
Amraoti . . .	16, 17, 18, 19 and 20.	0, —0·43, 0, —0·7 and 0.	0·30, —0·13, 1, +0·3 and 0·30.
Khandwa . . .	3, 10 and 11.	N 10 E (b), 50·6 and —1·9.	N 3 E, 50·5 and —2·0.
Kanker . . .	7.	84·0.	84·1.
Hanamkonda . . .	1 and 2.	29·081 and —0·83.	29·080 and —0·84.
Mysore . . .	1 and 2.	27·427 and —0·29.	27·428 and —0·28.
Cuddapah . . .	1, 2, 3, 10 and 11.	29·527, —0·29, N 60 E, 67·6 and +2·4.	29·528, —0·28, N 74 E, 67·5 and +2·3.
Simla . . .	1, 2 and 4.	23·075, —0·02 and 2·5.	23·074, —0·03 and 2·4.
Cherat . . .	6 and 13.	37·0 (f) and 56 (f).	37·0 (e) and 56 (e).
Parachinar . . .	7 and 8.	49·5 and —1·0.	49·7 and —0·8.
Mount Abu . . .	5, 6, 13 and 14.	55·4, 46·4 (c), 44(c) and +1.	55·3, 46·0 (c), 43 (c) and 0.
Coonoor . . .	1, 4, 6 and 10.	24·500, 3·2 (c), 51·1 and 46·8.	24·498, 3·2, 51·2 and 47·0.
Page 8 . . .	Omit (b) against Coonoor.		

FEBRUARY 1929.

Reference.	Figure Column.	For	Read
Diamond Island . . .	5.	77.0.	77.1.
Minbu . . .	1, 2, 4, 7, 8, 10, 11 and 15.	29.741, —0.31, 3.0 (f), 89.3, —1.0, 58.6, —2.4 and 0.7.	29.743, —0.29, 3.1, 89.1, —1.2, 58.8, —2.2 and 0.8.
Bhamo . . .	2.	+0.34.	-0.09.
Myitkyina . . .	16, 17 and 20.	0.05, —0.80 and 0.05.	0.14, —0.71 and 0.09.
Silchar . . .	3, 5, 6, 7, 8, 13, 15, 16, 17 and 20.	S86 E, 59.9, 57.3, 81.3, +0.8, 83 (e), 29, 0.02, —2.10 and 0.02.	E, 60.0, 57.1, 81.4, +0.9, 83, 3.1, 0.07, —2.05 and 0.05.
Page 13 . . .	Omit the footnote (e) mean of 27 days.		
Jessore . . .	4, 16, 17, 18, 19 and 20.	1.4 (f), 0.09, —1.25, 0, —1.9 and 0.09.	1.4, 0.35, —0.99, 1, —0.9 and 0.26.
Burdwan . . .	3, 16, 17 and 20.	N 39 W, 1.11, —0.14 and 0.50.	N 31 W, 1.19, —0.06 and 0.58.
Mymensingh. . .	7 and 8.	80.1 and +1.0.	80.2 and +1.1.
Jalpaiguri . . .	1 and 2.	29.680 and —0.08.	29.685 and —0.03.
Hukitala . . .	16, 17, 18, 19 and 20.	0.06, —1.07, 0, —1.6 and 0.06.	1.09, —0.04, 1, —0.6 and 1.03.
Sambalpur . . .	3, 10 and 11.	N 36 E, 57.7 and —2.2.	N 32 E, 57.6 and —2.3.
Chaibasa . . .	7, 8, 10, 11 and 15.	80.8, —3.5, 56.2, —0.9 and 2.9.	80.9, —3.4, 56.1, —1.0 and 3.2.
Purnea . . .	3.	S 59 W.	S 67 W.
Berhampore . . .	7 and 8.	83.1 and +1.8.	82.9 and +1.6.
Darbhanga . . .	7 and 8.	78.0 and +1.1.	78.2 and +1.3.
Dibrugarh . . .	1 and 2.	29.631 and —0.13.	29.637 and —0.07.
Sibsagar . . .	1 and 2.	29.658 and —0.06.	29.662 and —0.02.
Dhubri . . .	7, 8 and 9.	77.5, —0.1 and 84.6.	77.1, —0.5 and 84.2.
Lucknow . . .	10.	49.1.	49.5.
Lahore . . .	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14 and 15.	29.282, +0.19, N, 1.5 (f), 49.2, 46.3 (f), 69.6, —2.5, 44.1, —0.9, 76 (f), —3 and 4.8.	29.280, +0.17, N 6 E, 1.5, 49.7, 46.4, 69.7, —2.4, 44.7, —0.3, 73, —6 and 5.0.
Khushab . . .	5, 10 and 11.	50.2, 43.7 and —2.3.	50.1, 43.8 and —2.4.
Leh . . .	10 and 11.	10.4 and +0.5.	10.2 and +0.3.
Gilgit . . .	1, 2, 4, 5, 6, 7, 8, 10, 11, 13, 14 and 15.	25.208, +0.11, 0.5 (f), 38.9, 36.8 (k), 51.2, —1.1, 34.8, —1.9, 65 (k), +10 and 6.9.	25.212, +0.15, 0.5, 38.5, 36.7 (k), 50.8, —1.5, 34.5, —2.2, 64 (k), +9 and 6.7.
Peshawar . . .	2.	+0.13.	+0.63.
Page 14 . . .	Omit (e) against Gilgit.		
Chaman . . .	7 and 8.	55.7 and —1.9.	55.6 and —2.0.
Dalbandin . . .	13 and 14.	70 (f) and +2.	71 (f) and +3.
Jodhpur . . .	4.	1.8.	1.7.
Kotah . . .	4.	1.7.	1.5.

FEBRUARY 1929—*concl.*

Reference.	Figure Column.	For	Read
Dwarka	7 and 8.	78·4 and 0.	78·0 and —0·4.
Nagpur	16 and 17.	1·58 and +0·08.	1·59 and +0·09.
Pendra	10 and 11.	52·2 and —2·6.	52·1 and —2·7.
Jagadalpur	1 and 2.	28·091 and —034.	28·089 and —036.
Ahmadnagar	3.	N 35 W.	N 31 W.
Aurangabad	4.	5·8.	5·6.
Gulbarga	7 and 8.	86·6 (o) and —5·9.	87·6 (q) and —5·2.
Page 16	Omit the footnote (o) mean of 17 days and insert (q) mean of 15 days.		
Murree	6.	37·6 (k).	37·7 (k).
Cherat	3.	N 6 W (e).	N 6 W.
Parachinar	3.	S45 W.	W.

MARCH 1929.

Reference.	Figure Column.	For	Read
Diamond Island . . .	4.	5·7.	5·5.
Minbu . . .	Omit (d) against the station.		
Yamethin . . .	4.	0·2 (k).	0 3 (j).
Page 21 . . .	Omit the footnote (k) mean of	21 days and insert (j) mean of 22 days.	
Mandalay . . .	4.	1·9.	1·8.
Lashio . . .	4, 5, 6, 7, 8, 10, 11 and 15.	2·1 (d), 65·0, 58·6, 84·5, —1·1, 56·6, +0·7 and 3·1.	2·1 (b), 64·9, 58·5, 84·4, —1·2, 56·5, +0·6 and 3·0 and omit (b) against the station.
Bhamo . . .	1 and 2.	29·519 and +0·68.	29·518 and +0·24.
Dibrugarh . . .	1, 2, 3, 16, 17, 18 and 19.	29·593, +0·35, S 87 E, 2·43, —2·16, 7 and —2·2. N 48 E.	29·599, +0·41, S 88 E, 2·53, —2·06, 8 and —1·2. N 47 E.
Tezpur . . .	3.		
Dhubri . . .	4, 7, 8 and 9.	5·3, 86·4, +0·5 and 95·2.	5·2, 86·0, +0·1 and 94·8.
Cox's Bazar . . .	16, 17, 18, 19 and 20.	0·07, —1·45, 0, —1·7 and 0·07.	1·47, —0·05, 1, —0·7 and 1·40.
Chittagong . . .	4.	4·6 (e).	4·7.
Berhampore . . .	1, 2, 3, 5, 6, 7, 8, 10 and 11.	29·840, +0·36, S 18 W, 75·6, 67·9, 94·8, +3·1, 64·9 and —0·7.	29·834, +0·30, S 15 W, 75·8, 68·1, 94·6, +2·9, 65·1 and —0·5 and omit (b) against the station.
Jalpaiguri . . .	1 and 2.	29·615 and +0·21.	29·620 and +0·26.
Sibsagar . . .	1 and 2.	29·616 and +0·39.	29·620 and +0·43.
Bahraich . . .	3, 10 and 11.	N 85 E, 61·5 and +2·6.	N 86 E, 61·6 and +2·7.
Roorkee (b) . . .	5, 6, 7, 8, 10 and 11.	67·9, 57·7, 89·8, +5·6, 57·3 and +2·0.	67·4, 57·4, 89·5, +5·3, 56·9 and +1·6.
Dehra Dun . . .	Omit (a) against the station.		
Lahore . . .	7 and 8.	89·1 and +5·8.	89·3 and +6·0.
Khushab . . .	5, 13 and 14.	67·4, 37 and —19.	67·5, 36 and —20.
Gilgit . . .	3.	S 81 W.	S 83 W.
Peshawar . . .	2.	—058.	—008.
Jaipur . . .	15.	0·2.	0·1.
Veraval . . .	7 and 8.	88·7 and +3·8.	88·6 and +3·7.
Jagdalpur . . .	1 and 2.	28·064 and —013.	28·066 and —011.
Chakrata . . .	4, 6, 13 and 14.	6·5, 45·4, 51 and —4.	6·9 (e), 44·9 (e), 50 (e) and —5.
Page 24 . . .	In the footnote insert (e) mean of	27 days.	
Parachinar . . .	10, 11 and 15.	41·4, +3·1 and 2·8.	41·8, +3·5 and 2·5.
Drosh (b) . . .	4, 5, 6, 7, 8, 10, 11, 13 and 14.	3·1 (c), 49·5, 43·7, 66·0, +8·0, 46·6, +6·9, 6·3 and —4. 73·7 and +0·6.	3·2, 49·2, 43·3, 65·8, +7·8, 46·3, +6·6 62 and —5 and omit (b) against the station. 73·6 and +0·5.
Gopalpur . . .	10 and 11.		
Vizagapatam . . .	1 and 2.	29·869 and +013.	29·868 and +012.
Cherat . . .	3.	N 8 W.	N 11 W.
Mount Abu . . .	10 and 11.	66·1 and +5·0.	66·0 and +4·9.

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Reference.	Figure Column.	For	Read
Akyab . . .	10 and 11.	75·4 and +0·1.	75·2 and -0·1.
Minbu . . .	1, 7 and 8.	29·668, 101·7 and -0·9.	29·667, 101·5 and -1·1.
Yamethin . . .	4 and 12.	2·3 and 88·9.	2·1 and 68·9.
Bhamo . . .	2.	+012.	+024.
Myitkyina . . .	1 and 2.	29·382 and +0·36.	29·383 and +0·37.
Dibrugarh . . .	1 and 2.	29·502 and +0·11.	29·508 and +0·17.
Tezpur . . .	10 and 11.	68·5 and +1·4.	68·0 and +0·9.
Silchar. . .	3, 7, 8, 16, 17, 18 and 19.	S 83 E, 85·0, -2·7, 26·33, +12·50, 14 and -0·5.	S 84 E, 85·3, -2·4, 28·45, +14·12, 17 and +2·5.
Cox's Bazar . . .	3.	S 31 E.	S 39 E.
Chittagong . . .	3 and 4.	S 56 E and 8·6 (f).	S 54 E and 8·3.
Barisal . . .	10 and 11.	74·8 and +0·3.	74·4 and -0·1.
Jessore . . .	4, 16, 17, 18 and 19.	4·0, 1·99, -1·67, 6 and +1·0.	3·4, 2·40, -1·26, 7 and +2·0.
Saugor Island . . .	7, 8 and 9.	88·1, -2·0 and 92·1.	87·9, -2·2 and 90·2.
Berhampore . . .	7, 8, 10 and 11.	97·3, -1·7, 74·5 and +0·4.	97·1, -1·9, 74·3 and +0·2.
Mymensingh. . .	7 and 8.	87·9 and -2·3.	87·7 and -2·5.
Dinajpur . . .	15.	5·4.	5·5.
Jalpaiguri . . .	1 and 2.	29·528 and +0·14.	29·533 and +0·19.
Balasore . . .	7, 8, 16 and 17.	97·2, +0·5, 0·52 and -1·54.	97·4, +0·7, 0·59 and -1·47.
Sambalpur . . .	7 and 8.	102·4 and -0·8.	102·2 and -1·0.
Chaibasa . . .	10 and 11.	76·4 and +2·3.	76·3 and +2·2.
Ranchi . . .	7, 8, 9, 10 and 11.	96·0 +0·1, 110·2, 72·6 and +0·9.	95·4, -0·5, 101·1, 72·5 and +0·8.
Purnea . . .	7 and 8.	95·1 and -1·1.	95·0 and -1·2.
Darbhanga . . .	7 and 8.	95·3 and -0·5.	95·6 and -0·2.
Darjiling . . .	5, 10, 11, 16, 17, 18 and 19.	55·0, 50·1, +1·7, 6·98, +3·13, 10 and +2·6.	54·9, 50·0, +1·6, 7·08, +3·23, 11 and +3·6.
Dhubri . . .	7, 8, 9 and 17.	86·0, -1·5, 97·9 and +0·47.	85·6, -1·9, 97·5 and +1·47.
Sibsagar . . .	1 and 2.	29·529 and +0·24.	29·533 and +0·28.
Allahabad . . .	6, 10 and 11.	68·5, 75·6 and +3·6.	68·6, 75·5 and +3·5.
Lucknow . . .	19.	-06.	-0·6.
Lucknow . . .	1 and 2.	Omit the figures.	
Bahraich . . .	1, 2 and 6.	29·349, +0·25 and 67·8.	29·348, +0·24 and 67·7.
Dehra Dan . . .	16 and 17.	0·66 and -0·08.	0·67 and -0·07.
Delhi . . .	16 and 17.	0·84 and +0·45.	0·91 and +0·52.
Bareilly . . .	15.	3·3.	3·4.
Sialkot . . .	7, 8, 10 and 11.	96·0, +3·1, 67·3 and +2·3.	95·7, +2·4, 67·1 and +2·1

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Reference.	Figure Column.	For	Read
Khushab . . .	4.	4·8.	4·3.
Lyallpur . . .	7 and 8.	96·1 and +4·5	95·7 and +4·1.
Montgomery . . .	6, 13 and 14.	67·9, 47 and +9.	67·6, 46 and +8.
Khanpur . . .	4.	1·2.	0·7.
Skardu . . .	10 and 11.	38·3 and —4·0.	38·7 and —3·6.
Peshawar . . .	2, 3, 7 and 8.	—052, N 67 W, 91·9 and +6·5.	—002, N 67 E, 91·8 and +6·4.
Dalbandin . . .	6, 7 and 8.	56·1, 96·2 and +8·1.	55·9, 96·3 and +8·2.
Akola . . .	6, 13 and 14.	66·8, 35 and +6.	66·5, 34 and +5.
Amraoti . . .	5.	86·2.	86·3.
Seoni . . .	1 and 2.	27·794 and +020.	27·791 and +017.
Pendra . . .	1 and 2.	27·773 and +012.	27·774 and +013.
Ahmadnagar . . .	1 and 2.	27·710 and +016.	27·712 and +018.
Aurangabad . . .	1 and 2.	27·954 and +014.	27·953 and +013.
Cuddapah . . .	3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16 and 17.	S 3 E, 6·9 (h), 87·1, 74·7, 102·4,—3·0, 80·7, —0·1, 54, —2, 5·8, 0·27 and —0·18.	S 4 W, 6·8(f), 86·9, 74·8, 102·3,—3·1, 80·6, —0·2, 55, —1, 5·9, 0·35 and —0·10.
Page 32 . . .	Insert (f), mean of 26 days and omit (h) mean of 24 days.		
Cuddapah . . .	Omit (c) against the station.		
Cocanada . . .	1 and 2.	29·829 and +025.	29·828 and +024.
Maymyo . . .	3.	S 41 E.	S 33 W.
Murree . . .	1 and 2.	23·996 and +070.	23·995 and +069.
Cherat . . .	1, 2, 4, 5, 6, 7, 8, 10, 11 and 15.	25·711, +059, 6·8 (d), 67·2, 55·9, 78·7, +6·6, 60·7, +5·2 and 2·7.	25·708, +056, 6·4, 67·5, 56·0, 78·9, +6·8, 60·8, +5·3 and 2·6.
Page 32 . . .	Omit (c) against Cherat and omit (d) mean of 28 days in the footnote.		
Parachinar . . .	16 and 17.	2·62 and —1·71.	2·63 and —1·70.
Mount Abu . . .	3.	S 63 W.	S 65 W.
Pachmarhi . . .	15.	6·1.	6·0.
Mercara . . .	4.	4·2.	4·1.

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Reference.	Figure Column.	For	Read
Bassein	1 and 2.	29.752 and +.007.	29.751 and +.006.
Gwa	1, 3, 4, 5, 6, 7, 10 and 15.	29.748, S 12 W, 5.8 (f), 84.1, 79.8, 89.9, 77.4 and 5.9.	29.750, N 8 W, 6.6, 84.5, 80.1, 90.2, 77.6 and 5.4 and omit (e) against the station. N 76 E.
Kyaikpyu	3.	N 81 E.	
Yamethin	16 and 17.	4.95 and -0.85.	4.91 and -0.89.
Mandalay	5.	84.3.	84.4.
Monywa	1, 2, 10 and 11.	29.481, +.013, 76.8 and -2.0.	29.480, +.012, 76.6 and -2.2.
Lashio	4, 10 and 11.	312, 66.4 and -0.4.	2.7, 66.5 and -0.3.
Bhamo	2.	-007.	+.005.
Myitkyina	1, 2 and 4.	29.285, +.020 and 3.8.	29.288, +.023 and 3.7.
Page 37	Omit the footnote (f), mean of 26 days		
Tezpur	7, 8, 16 and 17.	84.6, -2.3, 23.02 and +13.07.	84.8, -2.1, 23.22 and +13.27.
Silchar. . . .	16 and 17.	43.22 and +27.63.	43.27 and +27.68.
Cox's Bazar	45.	4.5.	4.7.
Chittagong	4.	8.9 (e).	9.5.
Page 37	Omit the footnote (e) mean of 27 days		
Jalpaiguri	1 and 2.	29.413 and -0.02.	29.413 and -0.027.
Balasore	7 and 8.	99.8 and +2.9.	100.1 and +3.2.
Barisal	4.	5.1.	5.4.
Darbhanga	10 and 11.	77.2 and +1.4.	77.3 and +1.5.
Dibrugarh	1 and 2.	29.387 and -0.020.	29.393 and -0.014.
Sibsagar. . . .	1 and 2.	29.421 and -0.02.	29.425 and +0.02.
Dhubri	7, 8 and 9.	83.8, -2.5 and 92.6.	83.4, -2.9 and 92.2.
Gorakhpur	7, 8, 10 and 11.	104.8, +4.3, 78.7 and +2.1.	104.6, +4.1, 78.9 and +2.3.
Cawnpore	7 and 8.	110.0 and +4.3.	110.2 and +4.5.
Agra	5, 13 and 14.	93.2, 19 and -6.	93.1, 20 and -5.
Mainpuri	1 and 2.	29.080 and -0.032.	29.079 and -0.033.
Bareilly	10 and 11.	79.3 and +2.9.	79.2 and +2.8.
Delhi	10 and 11.	84.3 and +4.1.	84.7 and +4.5.
Khushab	6, 13 and 14.	65.7, 19 and -15.	65.9, 20 and -14.
Lyallpur	1 and 2.	28.979 and -0.029.	28.980 and -0.028.
Khanpur	4.	1.2.	1.0.
Dras	4.	5.1.	4.4.
Gilgit	4.	0.6.	0.5.

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Reference.	Figure Column.	For	Read
Peshawar . . .	2 and 4.	—073 and 2.9.	—023 and 2.8.
Fort Sandeman . . .	6, 13, 14, 16, 17, 18 and 19.	55.3, 31, —6, 0.11, —0.63, 1 and —0.3.	55.2, 30, —7, 0.21, —0.53, 2 and +0.7.
Kalat . . .	6, 13 and 14.	52.2, 60 and +12.	51.9, 58 and +10.
Dalbandin . . .	16, 17, 18, 19 and 20.	0, —0.13, 0, —0.3 and 0.	0.12, —0.01, 1, +0.7 and 0.12.
Karachi . . .	3, 4, 5, 7, 8, 10, 11 and 15.	S 81 W, 12.0 (c), 83.7, 89.6, +0.7, 79.7, +1.0 and 1.8.	S 82 W, 11.8, 83.6, 89.5, +0.6, 79.6, +0.9 and 1.9.
Jodhpur . . .	1 and 2.	28.884 and —0.09.	28.882 and —0.11.
Nowrang . . .	Omit the figures in columns 1 and 2.		
Akola . . .	16, 17, 18, 19 and 20.	0.18, —0.28, 1, —0.1 and 0.18.	0.07, —0.39, 0, —1.1 and 0.07.
Hoshangabad . . .	1 and 2.	28.694 and —0.01.	28.693 and —0.02.
Saugor . . .	10 and 11.	79.7 and +0.7.	79.8 and +0.8.
Rajpur . . .	3 and 4.	N 63 W and 2.3.	S 63 W and 2.2.
Kanker . . .	7.	105.0 (h).	109.0 (g).
Ratnagiri . . .	16 and 17.	0.37 and —0.09.	0.40 and —0.06.
Ahmadnagar . . .	Omit the figures in columns 10, 11 and 12.		
Bijapur . . .	16 and 17.	1.71 and +0.45.	1.73 and +0.47.
Nizamabad . . .	1 and 2.	28.448 and —0.40.	28.449 and —0.39.
Page 39 . . .	Omit the footnotes (c) mean of 29 days and (b) mean of 24 days and insert		(g) mean of 15 days.
Gulbarga . . .	10 and 11.	80.3 and +2.1.	80.1 and +1.9.
Pamban . . .	1 and 2.	29.714 and —0.15.	29.716 and —0.13.
Vellore . . .	2.	—113.	—0.13.
Cuddapah . . .	1 and 2.	29.319 and 0.	29.317 and —0.02.
Masulipatam . . .	7 and 8.	99.4 and —0.3.	99.5 and —0.2.
Vizagapatam . . .	1, 2, 3, 4 and 6.	29.651, —0.16, S 89 W, 10.8 (d) and 81.7.	29.654, —0.16, W, 10.7 (b) and 81.6 and omit (b) against the station.
Calingapatam . . .	9.	96.7.	98.0.
Mukteswar . . .	10 and 11.	59.0 and +4.1.	59.4 and +4.5.
Chakrata . . .	1 and 2.	23.334 (b) and +0.39.	23.335 and +0.40.
Simla . . .	5, 7 and 8.	68.4, 74.7 and +2.6.	68.5, 74.6 and +2.5.
Parachinar . . .	10 and 11.	55.4 and —0.3.	55.2 and —0.5.
Drosh . . .	16, 17, 18 and 19.	0.49, —1.49, 3 and —1.1.	0.39, —1.54, 2 and —2.1.
Mercara . . .	5, 7, 8, 16 and 17.	70.9, 80.6, +0.6, 4.14 and —1.51.	70.6, 80.5, +0.4, 4.19 and —1.46.
Coonoor . . .	9 and 11.	insert 79.5 and 54.1.	

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Reference.	Figure Column.	For	Read
Victoria Point . . .	4.	5·8.	5·7.
Diamond Island . . .	10 and 11.	76·8 and —0·1.	76·7 and —0·2.
Kyaukpyu . . .	3.	S 28 E.	S 30 E.
Akyab . . .	4.	11·2 (f).	12·4 (f).
Minbu . . .	3, 7 and 8.	S 32 E, 87·5 and —4·8.	S 31 E, 87·7 and —4·6.
Yamethin . . .	4.	7·5.	6·8.
Monywa . . .	1, 2, 4, 10 and 11.	29·374, —016, 4·8, 78·3 and —0·3.	29·373, —017, 3·6 (d), 78·1 and —0·5.
Bhamo . . .	2, 7 and 8.	—036, 88·5 and —1·6.	—024, 88·4 and —1·7.
Tezpur . . .	7, 8, 16, 17, 18, 19 and 20.	86·5, —2·3, 12·90, +0·90, 16, +0·4 and 2·12.	88·0, —0·8, 13·48, +1·48, 17, +1·4 and 2·61.
Gauhati . . .	16, 17, 18 and 19.	15·65, +1·82, 13 and —3·1.	14·85, +1·02, 12 and —4·1.
Silchar . . .	16, 17, 18 and 19.	35·37, +13·69, 24 and +3·2.	35·58, +13·90, 25 and +4·2.
Chittagong . . .	4.	1·1 (e).	10·3.
Page 45 . . .	Omit the footnote (e) mean of 27 days.		
Mymensingh. . .	3, 10 and 11.	S 78 E, 77·6 and +0·5.	S 77 E, 77·5 and +0·4.
Jalpaiguri . . .	1 and 2.	29·270 and —053.	29·275 and —048.
Balasore . . .	10 and 11.	80·0 and +1·3.	79·9 and +1·2.
Chaibasa . . .	7, 8, 10 and 11.	96·7, +2·8, 80·0 and +2·2.	97·0, +3·1, 79·7 and +1·9.
Ranchi . . .	10 and 11.	74·8 and —0·3.	74·7 and —0·4.
Purnea . . .	7, 8, 16 and 17.	92·5, +1·0, 5·10 and —6·00.	92·6, +1·1, 5·54 and —5·56.
Naya Dumka . . .	16, 17, 18 and 19.	3·60, —6·47, 8 and —4·2.	6·35, —3·72, 12 and —0·2.
Darjiling . . .	3.	N 27 W.	N 14 W.
Dibrugarh . . .	1 and 2.	29·246 and —030.	29·252 and —024.
Sibsagar . . .	1 and 2.	29·262 and —035.	29·266 and —031.
Dhubri . . .	7, 8 and 9.	86·1, +0·2 and 93·5.	85·7, —0·2 and 93·1.
Gorakhpur . . .	1 and 2.	29·250 and —026.	29·252 and —024.
Jhansi . . .	4.	5·7 (e).	5·7 (f).
Ambala . . .	1 and 2.	28·577 and —043.	28·575 and —045.
Rawalpindi . . .	10 and 11.	77·4 and +1·7.	77·3 and +1·6.
Khushab . . .	5, 7, 8, 16 and 17.	92·0, 107·3, 0, 1·09 and —0·28.	92·2, 107·4, +0·1, 1·00 and —0·37.
Lyallpur . . .	3, 7 and 8.	S 8 E, 105·1 and —1·0.	S 6 E, 104·8 and —1·3.
Montgomery. . .	6 and 13.	78·1 and 57.	77·9 (c) and 57 (c).
Page 46 . . .	Footnote, insert (c) mean of 29 days.		
Srinagar . . .	16, 17, 18 and 19.	1·71, +0·23, 5 and +1·4.	1·53, +0·05, 4 and +0·4.

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Reference.	Figure Column.	For	Read
Sonamarg . . .	16 and 17.	3·83 and +1·19.	3·84 and +1·20.
Peshawar . . .	2.	— ·101.	— ·051.
Dalbandin . . .	1, 2, 5, 7 and 8.	26·813, —012, 84·7, 109·3 and +2·0.	26·812, ·013, 84·6, 109·2 and +1·9.
Kotah . . .	3.	N 78 W.	N 80 W.
Rajkot . . .	16 and 17.	5·29 and +0·98.	5·23 and +0·92.
Neemuch . . .	1, 2, 6, 13 and 14.	27·938, —042, 75·2, 69 and +1.	27·939, —041, 74·9, 68 and 0.
Ahmadnagar . . .	10 and 11.	74·2 and +2·3.	73·8 and +1·9.
Aurangabad . . .	1 and 2.	27·752 and —034.	27·751 and —035.
Nizamabad . . .	1 and 2.	28·358 and —048.	28·360 and —046.
Hyderabad (Dn.) . .	4.	6·6.	6·0.
Negapatam . . .	16, 17, 18 and 19.	1·65, +0·35, 3 and +0·7.	1·75, +0·45, 4 and +1·7.
Coimbatore . . .	1 and 2.	28·414 and +002.	28·411 and —001.
Nellore . . .	10 and 11.	83·1 and +1·1.	83·2 and +1·2.
Masulipatam . . .	1 and 2.	29·608 and —025.	29·605 and —028.
Maymyo . . .	4.	2·3.	1·7.
Chakrata . . .	6.	59·2.	59·0.
Simla . . .	16 and 17.	4·06 and —3·07.	4·96 and —2·17.
Mussooree . . .	16, 17, 18 and 19.	6·44, —6·47, 6 and —6·6	6·97, —5·94, 7 and —5·6.
Dharampore . . .	16 and 18.	1·74 and 4.	4·03 and 8.
Murree . . .	1 and 2.	23·849 and +018.	23·842 and +011.
Cherat . . .	4, 5, 10 and 11.	5·4 (d), 81·0, 74·6 (c) and +1·4.	6·4, 81·2, 74·7 (c) and +1·5.
Mount Abu . . .	3, 6, 13 and 14.	S 58 W, 67·6, 74 and +1.	S 60 W, 67·7, 75 and +2.
Coonoor . . .	1.	24·364.	24·360.
Mercara . . .	16 and 17.	37·31 and +10·95.	32·41 and +6·05.
Mirjawa . . .	4 and 7.	7·9 and 106·3.	5·8 and 106·0.
Jagdalpur . . .	16, 17, 18 and 19.	13·25, +3·74, 10 and —1·9.	14·15, +4·64, 11 and —0·9.

JULY 1929.

Reference.	Figure Column.	For	Read
Mergui	15.	9.3.	9.8.
Tavoy	1 and 2.	29.757 and —012.	29.755 and —014.
Amherst	4.	8.8.	9.0.
Bassein	6.	77.0.	77.1.
Diamond Island	7 and 8.	84.3 and —0.3.	84.1 and —0.5.
Minbu	4.	3.6.	3.5
Mandalay	1 and 2.	29.376 and —029.	29.377 and —028.
Monywa	1, 2, 7 and 8.	29.348, —022, 93.4 and —1.0.	29.347, —023, 93.3 and —1.1.
Lashio	1, 2, 5, 6, 16 and 17.	26.858, —048, 72.9, 70.3, 15.44 and +3.44. —040.	26.857, —049, 72.7, 70.1, 14.94 and +2.94. —028.
Bhamo	2.		
Myitkyina	1, 2 and 4.	29.145, —006 and 3.1.	29.143, —008 and 2.8.
Gorakhpur	1, 2, 10 and 11.	29.232, —023, 79.6 and +0.6.	29.229, —026, 79.3 and +0.3.
Silchar	3.	E.	S 72 E.
Chittagong	5, 13 and 14.	79.3, 83 and —1.	79.5, 87 and —2.
Narayanganj	15.	8.5.	8.4.
Burdwan	7, 8 and 9.	88.9, —1.2 and 94.1.	89.2, —0.9 and 94.6.
Berhampore	7, 8 and 9.	90.1, +0.5 and 94.7.	89.8, +0.2 and 93.8.
Jalpaiguri	1 and 2.	29.241 and —054.	29.246 and —049.
Sambalpur	4, 10 and 11.	4.2 (e), 75.6 and —1.7.	4.1, 75.5 and —1.8.
Page 53	Omit the footnote (c) mean of 29 days.		
Gaya	5, 6, 7, 8, 10 and 11.	82.7, 78.9, 94.4, —0.6, 78.5 and —0.5.	82.5, 78.8, 91.5, —0.5, 78.7 and —0.3.
Naya Dumka	16, 17, 18, 19 and 20.	—	Insert 16.60, +3.12, 26, +8.1 and 2.71.
Dibrugarh	1 and 2.	29.224 and —028.	29.230 and —022.
Sibsagar	1 and 2.	29.244 and —030.	29.248 and —026.
Dhubri	7, 8 and 9.	86.4, +0.5 and 92.0.	86.0, +0.1 and 91.6.
Shillong	16, 17, 18 and 19.	4.65, —0.83, 11 and —3.2.	4.77, —0.71, 12 and —7.2.
Chaibasa	7, 8, 10, 11, 16 and 17.	87.1, —3.3, 78.7, —0.8, 38.31 and +26.22.	87.3, —3.1, 78.6, —0.9, 38.35 and +26.26.
Benares	7 and 8.	92.2 and 0.	91.9 and —0.3.
Bahraich	1 and 2.	29.051 and —045.	29.058 and —038.
Mainpuri	16 and 17.	10.63 and +3.33.	10.67 and +3.37.
Bareilly	16, 17, 18 and 19.	2.84, —10.55, 10 and —2.5.	3.79, —9.60, 13 and +0.5.
Delhi	5, 10, 11 and 12.	84.8, 81.4, +0.3 and 71.3.	84.9, 81.7, +0.6 and 76.5.
Ludhiana	16, 17, 18 and 19.	9.75, +1.55, 9 and +0.7.	10.60, +2.40, 11 and +2.7.

JULY 1929—concl.

Reference.	Figure Column.	For	Read
Khusheb . . .	6, 7, 8, 16 and 17.	77·6, 99·4, —3·2, 4·93 and +1·29.	77·7, 99·3, —3·3, 4·97 and +1·33.
Montgomery . . .	16 and 17.	4·27 and +2·05.	4·33 and +2·11.
Multan . . .	3, 16 and 17.	S 20 E, 10·40 and +8·38.	S 24 E, 9·55 and +7·53.
Khanpur . . .	7 and 16.	102·5 and 5·38.	102·8 and 5·09.
Gulmarg . . .	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16, 17, 18 and 19.	21·727, —003, N20 E, 2·4 (c), 62·4, 57·6, 69·3, —0·7, 52·5, +1·8, 77, +2, 6·2, 5·67, +1·77, 13 and +4·2	21·726, —004, N 13 E, 2·5, 62·2, 57·5, 69·4, —0·6, 52·6, +1·9, 78, +3, 6·4, 8·47, +4·57, 14 and +5·2 and omit (b) against the station.
Quetta . . .	16, 17 and 20.	1·92, +1·29 and 1·27.	0·83, +0·20 and 0·43.
Dras . . .	1, 2, 4, 5, 6, 7, 8, 10, 11 and 15.	20·674, —003, 5·0 (c), 59·4, 52·0, 74·3, —3·2, 50·3, +2·1 and 4·4.	20·676, —001, 5·1, 59·5, 52·1, 74·4, —3·1, 50·4, +2·2 and 4·3 and omit (b) against the station.
Leh . . .	1 and 2.	19·619 and +0·03.	19·620 and +0·04.
Peshawar . . .	2, 10 and 11.	—0·72, 79·7 and +0·1.	—0·22, 79·5 and —0·1.
Dera Ismail Khan . . .	16 and 17.	10·27 and +8·09.	11·08 and +8·90.
Fort Sandeman . . .	16, 17, 18 and 19.	6·66, +4·60, 7 and +3·4.	5·35, +3·29, 6 and +2·4.
Kalat . . .	16 and 17.	2·19 and +1·60.	2·20 and +1·61.
Page 54 . . .	Footnote, omit (c) mean of 29 days.		
Mirjawa . . .	4.	8·6	8·5
Bhavnagar . . .	5, 16 and 17.	83·0, 13·46 and +6·74.	83·2, 13·49 and +6·77.
Ahmadabad . . .	1 and 2.	29·367 (b) and —0·54.	29·421 (o) and —0·02 (o).
Sutna . . .	10 and 11.	69·9 and —7·7.	68·0 (m) and —0·6 (m).
Kanker . . .	1 and 16.	28·257 and 13·89.	28·256 and 13·84.
Marmagao . . .	16 and 17.	22·23 and —9·09.	22·22 and —9·01.
Ahmadnagar . . .	10 and 11.	71·3 (r) and +0·8 (z).	Omit the figures.
Page 55 . . .	Footnote, Insert (m) mean of 19 days and (o) mean of 17 days.		
Mysore . . .	16, 17, 18 and 19.	1·95, —0·68, 7 and +0·4.	2·05, —0·54, 8 and +1·4.
Vellore . . .	12.	72·7.	71·9.
Cuddapah . . .	1 and 2.	29·277 and —001.	29·278 and 0.
Bellary . . .	3.	S 74 W.	S 73 W.
Vizagapatam . . .	7 and 8.	91·1 and +2·1.	91·0 and +2·0.
Calingapatam . . .	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14 and 15.	29·530, —033, 8·1 (c), 82·7, 78·6, 89·3, —0·8, 95·0, 78·6, —0·3, 83, 0 and 7·6.	29·529, —034, 8·0, 82·8, 78·7, 89·5, —0·8, 97·0, 78·7, —0·2, 82, —1 and 7·5 and omit (b) against the station.
Gopalpur . . .	4.	8·2.	9·2.
Cherat . . .	1, 2 and 3.	25·428 (b), —027 and S 32 W. (b).	25·429, —026 and S 32 W.
Parachinar . . .	16, 17, 18 and 19.	0·07, —2·41, 4 and —2·5.	1·07, —2·31, 5 and —1·5.

AUGUST 1929.

Reference.	Figure Column.	For	Read
Gwa	1, 3, 4, 5, 16 and 18.	29.713, S 21 E, 3.1, (c) 78.5, 41.19 and 25.	29.709, S 20 E, 3.2, 78.3, 45.17 and 26 and omit (b) against the station.
Page 61	Omit the footnote (b) mean of 30 days.		
Bhamo	1 and 2.	29.290 and -0.009.	29.289 and +.002.
Myitkyina	4.	2.8.	2.6.
Dibrugarh	1, 2, 16 and 17.	29.295, -0.005, 14.45 and -3.73.	29.301, +.001, 14.46 and -3.72.
Silchar	16 and 17.	20.21 and +0.46.	20.22 and +0.47.
Chittagong	15.	8.3.	8.5.
Saugor Island	15.	8.3.	8.5.
Mymensingh	4, 7, 8, 15, 16, 17, 18 and 19.	2.4 (b), 87.6, +0.2, 9.2, 13.19, -2.45, 15 and -4.1.	2.5, 87.8, +0.4, 9.1, 14.04, -1.60, 16 and -3.1.
Jalpaiguri	1, 2 and 15.	29.342, -0.007 and 7.4.	29.347, -0.002 and 7.2.
Balasore	7, 8, 10 and 11.	87.2, -1.2, 78.2 and -0.1.	87.4, -1.0, 78.1 and -0.2.
Chandbali	1, 10 and 12.	29.562, 76.7 and 66.8.	29.561, 78.6 (g) and 74.7.
Page 6	Insert footnote (g) mean of 25 days.		
Cuttack	16.	11.15.	17.15.
Chaibasa	16 and 17.	17.68 and +6.21.	17.65 and +6.18.
Darbhanga	7 and 8.	89.0 and +0.2.	89.1 and +0.3.
Patna	4.	4.6.	5.6.
Gaya	1 and 2.	29.187 and -0.003.	29.203 and +0.012.
Naya Dumka	4, 16, 17, 18 and 19.	2.5, 6.44 (e), -6.57, 12 and -6.0.	2.5 (k) 6.81, -6.20, 14 and -4.0.
Page 62	Omit the footnote, total of 27 days.		
Cherrapunji	3.	S 72 E.	S 34 E.
Sibsagar	1 and 2.	29.327 and +0.001.	29.331 and +0.005.
Dhubri	7, 8 and 9.	87.6, +1.5 and 90.9	87.2, +1.1 and 90.5.
Montgomery	16 and 17.	2.86 and -0.42.	2.87 and -0.41.
Khanpur	10.	78.4.	79.4.
Srinagar	4, 7 and 8.	2.5, 85.1 and +0.2.	2.6, 85.5 and +0.6.
Sonamarg (a)	16 and 17.	7.32 and +3.72.	7.36 and +3.76.
Gilgit	13.	67.	69.
Peshawar	2, 7 and 8.	-149, 94.8 and -4.7.	+001, 95.1 and -4.4.
Dera Ismail Khan	1 and 2.	28.945 and +0.008.	28.943 and +0.006.
Kalat	2.	+06.	+006.
Gorakhpur	6, 16 and 17.	79.4, 11.85 and -2.14.	79.3, 11.65 and -2.34.

AUGUST 1929—concl.

Reference.	Figure Column.	For	Read
Allahabad . . .	6, 13 and 14.	78·2, 89 and +4.	78·1, 88 and +3.
Bahrain . . .	16 and 17.	7·60 and —5·65.	6·70 and —6·55.
Agra . . .	1 and 2.	29·006 and +·001.	29·008 and +·003.
Delhi . . .	16 and 17.	3·45 and —3·97.	3·52 and —3·90.
Jaipur . . .	16 and 17.	7·81 and —0·12.	7·82 and —0·11.
Ajmer . . .	7 and 8.	85·7 and —2·3.	85·6 and —2·4.
Veraval . . .	16 and 17.	1·84 and —1·95.	1·93 and —1·86.
Bhopal . . .	16.	11·14.	11·23.
Page 63 . . .	Insert (a) after Mahableshwar.		
Raichur . . .	16 and 17.	1·17 and —4·15.	1·21 and —4·11.
Mangalore . . .	4.	3·7.	3·6.
Madura . . .	7 and 8.	97·1 and +0·9.	96·9 and +0·7.
Kurnool . . .	4, 10 and 11.	1·1, 74·3 and +0·2.	11·2, 74·2 and +0·1.
Masulipatam . . .	5, 6, 13 and 14.	81·0, 78·1, 87 and +5.	80·9, 76·0 (l), 83 and +1 (l).
Page 64 . . .	Insert footnote (l) mean of 20 days.		
Maymyo . . .	3 and 17.	S 25 W and —1·65.	S 29 W and —1·65.
Simla . . .	16 and 17.	18·32 and +0·99.	18·33 and +1·00.
Cherat . . .	16 and 17.	13·62 and +9·38.	13·60 and +9·36.
Mount Abu . . .	9.	73·1.	78·0.
Kodaikanal . . .	3, 4, 16, 17, 18 and 19.	N 68 W, 6·2, 6·82, —0·17, 10 and —2·1.	N 71 W, 6·3, 6·32, —0·67, 9 and —3·1.

SEPTEMBER 1829.

Reference.	Figure Column.	For	Read
Mergui	1 and 2.	29-769 and —001.	29-770 and 0.
Gwa	3 and 7.	S 55 E and 84-1.	S 54 E and 84-3.
Akyab	7 and 8.	85-4 and —1-0.	85-5 and —0-9.
Minbu	16, 17, 18 and 19.	6-39, +0-19, 12 and +2-4.	7-35, +1-15, 13 and +3-4.
Mandalay	1, 2, 4, 10, 11, 16, 17, 18 and 19.	29-536, +0-13, 2-5 (d), 77-4, +0-3, 8-67, +2-93, 10 and +1-4.	29-538, +0-15, 2-5, 77-5, +0-4, 7-96, +2-22, 9 and +0-4 and omit (c) against the station.
Monywa	1, 2, 16, 17, 18 and 19.	29-515, +0-25, 9-35, +3-48, 11 and +3-1.	29-514, +0-24, 9-52, +3-65, 12 and +4-1.
Lashio	19.	+03.	+0-3.
Bhamo	1 and 2.	29-393 and +004.	29-391 and +014.
Dibrugarh	1 and 2.	29-425 and +023.	29-431 and +029.
Sibsagar	1 and 2.	29-461 and +031.	29-465 and +035.
Dhubri	7, 8 and 9.	86-9, +1-4 and 95-1.	86-5, +1-0 and 94-7.
Cox's Bazar	9.	87-9.	88-3.
Chittagong	3, 4 and 15.	S 62 E (c), 5-5 (h) and 7-6.	S 68 E, 5-8 and 7-8.
Page 69	Omit the footnote (h) mean of 24 days.		
Burdwan	3.	S 36 E.	S 30 E.
Mymensingh	7, 8, 9, 16, 17 and 20.	87-4, —0-3, 93-7, 12-45, —1-29 and 4-93.	87-6, —0-1, 94-1, 12-86, —0-88 and 5-34.
Jalpaiguri	1, 2, 16, 17, 18 and 19.	29-476, +0-21, 21-29, +1-35, 15 and —0-7.	29-481, +036, 22-10, +2-16, 16 and +0-3.
Balasore	1, 2, 3, 4, 5, 16, 17, 18 and 19.	29-681, +0-55, S 72 W, 1-9 (d), 82-2, 4-05, —7-67, 7 and —6-1.	29-678, +0-52, S 45 W, 1-9, 82-3, 4-18, —7-54, 8 and —5-1 and omit (e) against the station.
Chandballi	16.	13-94.	13-97.
Cuttack	15.	5-9.	5-8.
Chaibasa	16, 17, 18 and 19.	2-37, —5-63, 4 and —7-4.	2-96, —5-09, 6 and —5-4.
Gaya	1, 2 and 3.	29-349, +0-035 and S 45 W.	29-364, +0-050 and S.
Naya Dumka	10 and 11.	76-1 and —0-4.	76-0 and —0-5.
Shillong	3.	N 70 E.	N 72 E.
Cherrapunji	16 and 17.	39-31 and +1-33.	39-32 and +1-34.
Gorakhpur	1 and 2.	29-475 and +0-042.	29-478 and +0-045.
Bahraich	1 and 2.	29-308 and +0-034.	29-311 and +0-037.
Bareilly	4.	2-0.	2-1.
Roorkee	1 and 2.	28-813 and +0-022.	28-815 and +0-024.
Dehra Dun	1 and 2.	27-514 and +0-020.	27-513 and +0-019.
Ludhiana	1 and 2.	28-900 and +0-029.	28-898 and +0-027.

SEPTEMBER 1929—concl.

Reference.	Figure Column.	For	Read
Srinagar . . .	16 and 17.	1·25 and —0·35.	1·18 and —0·42.
Gilgit	1 and 2.	25·073 and +0·38.	25·074 and +0·39.
Veraval	16 and 17.	1·63 and —0·68.	1·23 and —1·08.
Raipur	1 and 2.	28·765 and +0·37.	28·768 and +0·40.
Kanker	1, 4, 5, 6, 7, 15, 16, 18 and 20.	28·441, 2·0 (d) 79·7, 74·8, 87·1, 5·1, 7·09, 11 and 1·50.	28·442, 2·0, 79·5, 74·7, 87·0, 5·2, 8·74, 12 and 1·65 and omit (c) against the station.
Aurangabad. . .	16 and 17.	5·38 and —1·15.	5·41 and —1·12.
Hyderabad (Deccan)	1, 2, 7 and 8.	28·071, +0·24, 86·9 and +0·5.	28·072, +0·25, 87·1 and +0·7.
Chitaldrug . . .	1 and 2.	27·423 and —003.	27·424 and —002.
Cochin	16, 17, 18 and 19.	15·57, +6·59, 16 and +2·0.	15·75, +6·77, 17 and +3·0.
Negapatam . . .	1 and 2.	29·765 and +0·04.	29·766 and +0·05.
Bellary	10 and 11.	73·0 and +0·1.	73·2 and +0·3.
Kurnool	1 and 2.	28·845 and —006.	28·846 and —005.
Murree	16 and 17.	1·60 and —4·01.	1·66 and —3·95.
Cherat	4, 16, 17, 18, 19 and 20.	4·4, 0, —2·16, 0, —3·0 and 0.	3·7, 0·50, —1·66, 1, —2·0 and 0·50.

OCTOBER 1929.

Reference.	Figure Column.	For	Read
Tavoy	7 and 8.	88·4 and +0·8.	88·0 and +0·4.
Bassein	16 and 17.	8·55 and +0·37.	8·54 and +0·36.
Gwa	7.	85·4 (b).	85·6 (b).
Mandalay	6.	76·5.	76·3.
Bhamo	2.	+001.	+013.
Dibrugarh	1, 2 and 15.	29·560, +0·018 and 6·3.	29·566, +0·024 and 6·4.
Berhampore	7 and 8.	88·4 and +0·6.	88·5 and +0·7.
Mymensingh	3.	S 84 E.	S 85 E.
Jalpaiguri	1 and 2.	29·618 and +0·020.	29·623 and +0·025.
Sambalpur	3.	N 68 E (b).	N 72 E.
Chaibasa	7 and 8.	86·9 and -2·1.	87·1 and -1·9.
Purnea	7 and 8.	84·3 and -3·2.	84·5 and -3·0.
Darbhanga	3.	S 72 E.	S 77 E.
Gaya	1 and 2.]	29·476 and -009.	29·491 and +0·06.
Sibsagar	1 and 2.	29·592 and +0·24.	29·596 and +0·28.
Dhubri	7, 8 and 9.	81·6, -2·9 and 89·2.	81·2, -3·3 and 88·8.
Bahraich	1 and 2.	29·443 and +0·04.	29·445 and +0·06.
Delhi	1, 2, 3, 4, 5, 10, 11, 13, 14, 15, 16 and 17.	29·118, -015, S 43 W, 2·4, 73·7, 70·5, +2·1, 50, -4, 0·8, 0·04 and -0·28.	29·135 (d), +0·02, S 42 W (d), 2·1 (d), 73·5, 70·4, +2·0, 51, -3, 0·9, 0·06 and -0·26, and insert (b) against the station. 29·033 and +0·13.
Sialkot	1 and 2.	29·036 and +0·16.	
Rawalpindi	16, 17, 18 and 19.	1·07, +0·56, 2 and +0·9.	1·22, +0·71, 3 and +1·9.
Page 78	Insert (d) mean of 28 days in the footnote.		
Ajmer	3 and 4.	S 84 W and 2·2.	N 88 W and 2·1.
Bhuj	6 and 13.	72·8 (b) and 76 (b).	72·6 and 76.
Khandwa	6, 7 and 8.	67·7, 94·7 and +2·6.	67·4, 94·6 and +2·5.
Ahmadnagar	10 and 11.	63·3 and -2·2.	64·3 and -1·2.
Mahableshwar (a)	16, 18 and 20.	5·82, 8 and —	6·17, 9 and 1·25.
Nizamabad	1 and 2.	28·599 and -007.	28·600 and -006.
Honamkonda	1 and 2.	28·971 and -003.	28·970 and -004.
Negapatam	16 and 17.	6·20 and -4·28.	6·11 and -4·37.
Cuddapah	4.	1·0 (b).	1·1.
Masunpetam	5.	80·2.	80·3.
Dharampore (a)	16, 18 and 20.	0, 0 and 0.	1·24, 2 and 0·62.
Jhansi	1, 2, 5, 6, 7, 8, 10 and 11.	29·035, -010, 78·7, 64·9, 94·8, +1·5, 67·6 and -1·8.	29·039, -006, 78·6, 64·6, 94·7, +1·4, 67·3 and -2·1.
page 78	Insert (d) mean of 28 days in the footnote.		

NOVEMBER 1929.

Reference.	Figure Column.	For	Read
Victoria Point . . .	4.	5·3 (e).	5·3.
Gwa	4.	2·9 (c)	2·9.
Lashio	16 and 17.	1·19 and —1·56.	1·20 and —1·55.
Bhamo	2.	—020.	—008.
Sibsagar	1 and 2.	29·670 and —008.	29·674 and —004.
Cox's Bazar	16, 17, 18, 19 and 20.	0·35, —4·59, 1, —2·5 and 0·27.	0·65, —4·29, 2, —1·5 and 0·30.
Chittagong	15.	3·0.	2·8.
Barisal	7 and 8.	83·6 and +0·7.	83·8 and +0·9.
Jalpaiguri	1, 2 and 4	29·695, —015 and 0·4	29·700, —010 and 0·3.
Purnea	15.	0·9.	0·8.
Gaya	1 and 2.	29·598 and —018.	29·613 and —003.
Dibrugarh	1 and 2.	29·643 and —008.	29·649 and —002.
Dhubri	7, 8 and 9.	79·2, —0·6 and 83·2.	78·8, —1·0 and 82·8.
Cawnpore	1 and 2.	29·548 and —020.	29·549 and —019.
Bahraich	1 and 2.	29·557 and —009.	29·559 and —007.
Jhansi	Omit (b) against the station.		
Mainpuri	5.	65·3.	65·1.
Ludhiana	7.	83·9.	83·9 (c).
Khushab	1, 2 and 13.	29·375, —014 and 38 (c).	29·374, —015 and 37.
Dera Ismail Khan . . .	7 and 8.	81·7 and —0·2.	81·8 and —0·1.
Hyderabad (Sind) . .	19.	+0·9.	+0·9.
Bhuj	7, 8 and 15.	92·0, +2·4 and 2·4.	91·9, +2·3 and 2·6.
Mysore	1 and 2.	27·398 and —011.	27·399 and —010.
Cochin	10 and 11.	76·2 and +1·7.	76·1 and +1·6.
Cuddalore	16 and 17.	19·05 and +3·97.	19·06 and +3·98.
Kurnool	6.	66·1.	66·6.
Masulipatam	4.	4·9.	4·8.
Maymyo	1 and 2.	26·470 and +007.	26·473 and +010.
Hoshangabad	1.	28·975 (c).	28·975.
Jhalrapatan	3, 4, 5, 6, 7 and 10.	N 63 E, 1·3, 65·4, 54·6 (d), 87·2 (l) and 54·8.	N 64 E, 1·4, 65·5, 54·3, 87·3 (k) and 55·0 and omit (c) against the station.
Page 87	Omit the footnote (l) mean of 20 days and insert (k) mean of 21 days.		24·810 and +033.
Quetta	1 and 2.	24·793 and +016.	

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Reference.	Figure Column.	For	Read
Victoria Point . . .	15.	5·0.	5·4.
Kyaikpyu . . .	4.	2·8.	1·3.
Bhamo . . .	1 and 2.	29·606 and —0·050.	29·605 and —0·039.
Tezpur . . .	7 and 8.	74·9 and +0·4.	74·8 and +0·3
Barisal . . .	1 and 2.	29·982 and —0·014.	29·981 and —0·015.
Burdwan . . .	3 and 15.	N 11 W and 2·8.	N 16 W and 3·0.
Dinajpur . . .	1, 2, 3, 7, 8 and 15.	29·888, —0·022, N 40 W, 75·2, —1·6 and 3·3.	29·889, —0·021, N 45° W, 75·0, —1·8 and 3·5 and omit (b) against the station.
Jalpaiguri . . .	1 and 2.	29·734 and —0·028.	29·739 and —0·023.
Dibrugarh . . .	1 and 2.	29·708 and +0·008.	29·714 and +0·014.
Sibsagar . . .	1 and 2.	29·724 and —0·006.	29·728 and —0·002.
Dhubri . . .	7, 8 and 9.	72·8, —1·5 and 79·2.	72·4, —1·9 and 78·8.
Bahraich . . .	1 and 2.	29·596 and —0·023.	29·598 and —0·021.
Delhi . . .	1 and 2.	29·276 and —0·039.	29·277 and —0·038.
Sonamarg (a) . . .	20.	20·06.	2·06.
Hyderabad (Sind) . . .	19.	+0·08.	+0·8.
Kotah . . .	1 and 2.	29·160 and —0·038.	29·159 and —0·039.
Deesa . . .	4.	6·5.	6·3.
Bhuj . . .	6.	50·8.	50·9.
Akola . . .	10 and 11.	55·8 and +3·5.	55·7 and +3·4.
Hoshangabad . . .	1, 2, 3, 5, 7, 8 and 15.	28·991, —0·033, N 63 W, 59·3, 80·7, +1·2 and 3·6.	28·987, —0·037, N 62 E, 59·2, 80·6, +1·1 and 3·5 and omit (b) against the station.
Seoni . . .	1, 2, 3, 4, 5, 6, 10, 11 and 15.	27·926, —0·044, N 18 E, 4·9, 60·2, 53·5, 51·7, +1·5 and 3·4.	27·923, —0·047, N 21 E, 5·0, 60·4, 53·7, 51·9, +1·7 and 3·6 and omit (b) against the station.
Jagdalpur . . .	1 and 2.	28·128 and —0·040.	28·127 and —0·041.
Marmagao . . .	1, 2 and 4.	29·857, —0·036 and 5·4 (c).	29·856, —0·037 and 5·4 and omit (b) against the station.
Mysore . . .	7 and 8.	83·4 and +1·6.	83·7 and +1·9.
Pamban . . .	16 and 17.	14·38 and +6·89.	14·41 and +6·92.
Salem . . .	16 and 17.	0·61 and —0·37.	0·63 and —0·35.
Vellore . . .	1, 2, 7, 8, 16 and 17.	29·228, —0·029, 83·2, +0·9, 1·63 and —1·08.	29·229, —0·028, 83·6, +1·3, 1·86 and —0·85.
Cuddapah . . .	1 and 2.	29·526 and —0·027.	29·524 and —0·029.
Kurnool . . .	10 and 11.	64·4 and +4·3.	64·6 and +4·5.
Celingapatam . . .	7, 8, 10 and 11.	80·4, —0·5, 65·8 and +3·6.	80·3, —0·6, 65·9 and +3·7.

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Reference.	Figure Column.	For	Read
Maymyo . . .	6, 10 and 11.	53·6, 46·4 and +2·9.	53·7, 46·2 and +2·7.
Mussooree . . .	Omit (a) against the station.		
Cherat . . .	4.	7·7 (c).	7·4 (b).
Coonoor . . .	3.	S 69 E.	S 67 E.
Sialkot . . .	1, 2, 5, 6, 10, 11, 13 and 15.	29·183, —018, 45·6, 44·2 (c), 40·8, —1·4, 86 (c) and 3·6.	29·183, —020, 46·0, 44·6 (b), 41·3, —0·9, 86 (b) and 3·7 and omit (b) against the station.
Jacobabad . . .	1, 2, 5, 6, 7, 8, 10, 11 and 15.	29·890, —007, 50·5, 46·3, 71·1, —5·1, 44·8, +0·6 and 3·6.	29·894, —003, 50·4, 46·1, 70·8, —5·4, 44·5, +0·3 and 3·5 and omit (b) against the station.
Bikaner . . .	1, 2, 5, 6, 7, 8, 10, 11, 12, 13, 14 and 15.	29·260, —010, 61·1, 45·4, 69·9, —5·3, 46·8, —2·8, 38·0, 62, +10 and 4·7.	29·264, —006, 50·9, 45·3, 69·4, —5·8, 46·5, —3·1, 37·0, 63, +11 and 4·6 and omit (b) against the station.
Kanker . . .	1, 4, 5, 7, 10, 13 and 15.	28·667, 1·8 (c), 64·6, 80·8, 54·4, 74 and 3·7.	28·666, 1·7, 64·7, 80·9, 54·3, 73 and 3·5 and omit (b) against the station.
Murree . . .	3, 5, 6, 7, 8, 10, 11, 13, 14 and 15.	S 47 E, 39·1, 36·6 (k), 43·2, —8·3, 34·1, —4·5, 65 (k), +18 and 3·9.	S 50 E, 38·8, 36·4 (j), 43·0, —8·5, 33·8, —4·8, 66 (j), +19 and 3·8 and omit (c) against the station.
Page 96 . . .	Omit (k) mean of 21 days in the footnote and insert (j), mean of 22 days.		
Khushab . . .	15, 16 and 17.	4·3, 0·85 and +0·40.	3·8, 0·90 and +0·45.
Montgomery . . .	6, 13 and 14.	44·7, 81 and +17.	44·8, 82 and +18.
Bahawalpur . . .	5, 6 and 13.	45·8, 43·3 and 80.	45·6, 43·2 and 81.
Dera Ismail Khan . . .	13, 14, 16 and 17.	79, +7, 0·64 and +0·44.	82, +10, 0·61 and +0·41.
Miranshah . . .	1.	26·974.	26·973.
Quetta . . .	1, 2, 16 and 17.	24·721, —034, 2·72 and +1·80.	24·722, —033, 2·79 and +1·87.
Parachinar . . .	1, 2, 5, 10 and 11.	24·439, —053, 33·8, 30·1 and —2·1.	24·440, —062, 33·7, 30·0 and —2·2 and omit (b) against the station.

SUPPLEMENTARY ERRATUM FOR 1928.

On page D 29 of India Weather Review, Annual Summary for 1928, Part D, the data are to be displaced one line downwards, so that the first row of figures is in line with the month of February : January is blank throughout.

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METEOROLOGICAL DEPARTMENT

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